



SAN DIEGO REGION
WATER QUALITY
CONTROL BOARD

International Boundary & Water Commission

United States Section

San Diego Field Office
2225 Dairy Mart Road
San Diego, CA 92173

2007 JUL 13 P 3:32

July 13, 2007

Mr. John H. Robertus
Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, Ca. 92123

SUBJECT: May 2007 Monitoring Results for the South Bay International Wastewater Treatment Plant, San Diego, California, Order No. 96-50, NPDES Permit No. CA0108928

Dear Mr. Robertus:

Enclosed are the May, 2007 influent and effluent test results; 6-month median report; May, 2007 monthly flow report for the South Bay International Wastewater Treatment Plant (SBIWTP); as well as the May, 2007 Monthly Receiving Water Report.

The following exceedances of the NPDES permit were observed:

- (1) The 30-day average percent removal rate of total suspended solids (TSS) was lower than the established permit limit (85%). In addition, the maximum (50 mg/l), 7-day (45 mg/l) and 30-day (30 mg/l) concentration limits and the associated respective mass emission rates (10,000, 9400 and 6300 lb/day) were exceeded.
- (2) The maximum (45 mg/l), 7-day (40 mg/l) and 30-day (25 mg/l) concentration limits for carbonaceous biological oxygen demand (CBOD) and the associated respective mass emission rates (9400, 8300 and 5200 lb/day) were exceeded.
- (3) The maximum (2.5 Tua), 7-day (2.0 Tua) and 30-day (1.5 Tua) average effluent limits for acute toxicity were exceeded. The daily maximum was exceeded on May 2, 10, 18, 23 and 29, 2007.
- (4) Samples were collected at the 11 shore stations 5 times during the month of May. Water samples with elevated densities of coliform bacteria were collected from shoreline stations S2 and S0 during one or more surveys in May. The odor of sewage was detected at station S12 on May 1 and floatable material was observed at station S5 on May 1. Stations S4, S5 and S10 exceeded the 30-day total coliform and 60-day fecal coliform standards.

(5) Although the 2001 California Ocean Plan (COP) does not specify compliance standards for enterococcus bacteria, it does provide assessment objectives for these bacteria (i.e., a geometric mean density of 24 organisms/100 mL over a 30-day period, or 12 organisms/100 ml over a 6-month period). Elevated enterococcus density was present in water sample collected from station S8 on May 29. All shore stations met the enterococcus assessment objectives.

(6) The 3 kelp bed water quality stations were sampled 5 times during the month of May. All kelp bed water quality samples had low coliform levels in May. Enterococcus levels were low throughout the month. All of the station met the COP standards. All kelp stations met the 2 enterococcus assessment objectives. Data from kelp station CTD casts indicate that the water column was stratified during May, except for stations I25 and I26 on May 23. Elevated levels of chlorophyll *a* and dissolved oxygen and decreased transmissivity indicate that abundant plankton was present at I25, I26, and I39 during most of the biweekly kelp bed survey conducted in May.

(7) Monthly water quality sampling was conducted on May 8 -10 at a total of 40 stations. Two water samples with elevated densities of indicator bacteria were collected at 2 monthly water quality stations during the May survey. The two samples were collected from a depth of 18 m at stations I9, and I12. CTD profile data indicate that the water column was stratified at all stations. Evidence of a plankton bloom was detected at most stations. Elevated levels of suspended solids (≥ 8 mg/L) occurred in the 2 m depth water samples from stations I10, I32, I36 and I38.

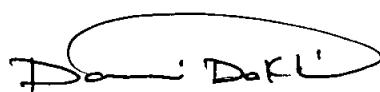
(8) No Trawl samples collected in May; next sampling scheduled for July.

(9) No Benthic samples collected in May; next sampling scheduled for July.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you require any additional information, please contact Mr. Gilbert Anaya, at (915) 832-4702.

Sincerely,



Dawi F. Dakhil
Ac. Project Manager

Enclosures as Stated:

I:\NPDES\2007\May07 Monitoring Results.doc

cc: Elizabeth Borowiec, EPA
Environmental Protection Specialist
U.S. EPA Region 9

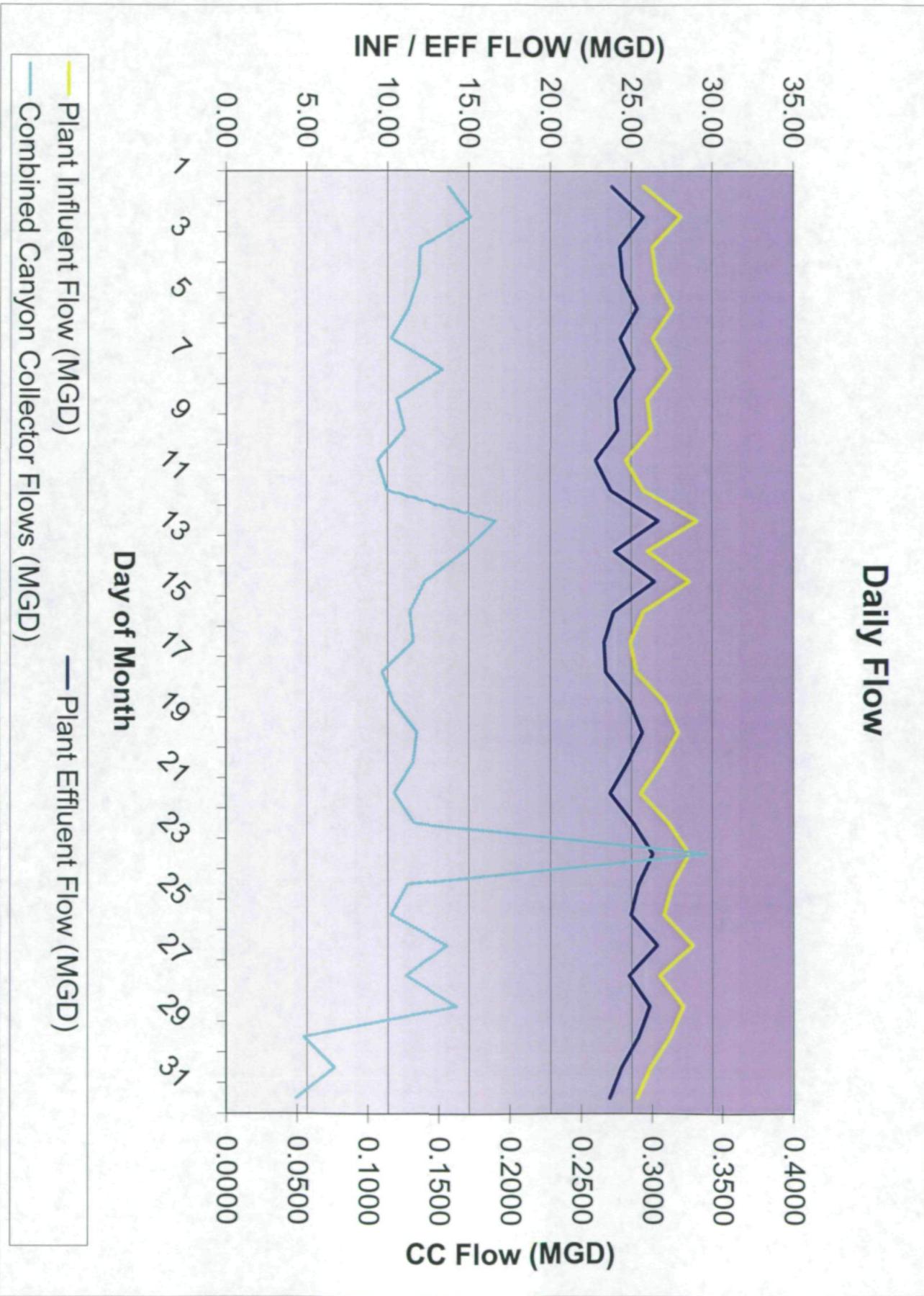
75 Hawthorne Street (WTR-4)
San Francisco, CA 94105-3901

SOUTH BAY IWTP
MONTHLY FLOW REPORT

Saturday, May 26, 2007

Day	Plant Influent Flow (MGD)	Combined Canyon Collector Flows (MGD)	Primary Effluent Emergency Connection Flow (MGD)	Plant Effluent Flow (MGD)	Combined Primary Sludge Flow (GPD)	Combined BFP Sludge Flow (GPD)
1	25.73	0.1567	0.00	23.74	149108.24	167181.78
2	28.02	0.1721	0.00	25.71	144289.58	164963.66
3	26.24	0.1367	0.00	24.24	140685.45	189849.77
4	26.50	0.1358	0.00	24.41	142648.05	172826.21
5	27.51	0.1287	0.00	25.33	144189.89	152405.28
6	26.25	0.1163	0.00	24.27	149485.79	153563.85
7	27.35	0.1525	0.00	25.12	151848.82	121500.18
8	25.94	0.1201	0.00	23.95	141550.43	206234.19
9	26.15	0.1255	0.00	24.10	140495.42	203197.34
10	24.64	0.1070	0.00	22.76	140216.88	123298.27
11	25.72	0.1134	0.00	23.70	137380.23	193995.11
12	29.04	0.1900	0.00	26.63	147906.83	143673.90
13	25.95	0.1679	0.00	23.92	184209.24	65714.95
14	28.56	0.1403	0.00	26.40	174976.96	239999.50
15	25.72	0.1298	0.00	23.88	157396.31	255990.82
16	24.92	0.1321	0.00	23.30	148280.11	251620.19
17	25.30	0.1101	0.00	23.39	146202.25	167742.40
18	27.03	0.1182	0.00	24.88	146130.23	186284.57
19	27.89	0.1346	0.00	25.66	147534.71	172846.80
20	26.80	0.1320	0.00	24.74	148913.09	165476.16
21	25.56	0.1186	0.00	23.66	148079.11	62940.44
22	27.32	0.1327	0.00	25.14	142551.35	173658.18
23	28.58	0.3392	0.00	26.31	140898.79	205580.91
24	27.54	0.1282	0.00	25.44	145175.57	161243.51
25	27.01	0.1165	0.00	24.98	158919.81	139739.04
26	28.81	0.1560	0.00	26.59	162313.18	210306.90
27	26.75	0.1270	0.00	24.86	153804.23	221725.78
28	28.23	0.1628	0.00	26.13	154681.06	220563.27
29	27.39	0.0549	0.00	25.45	156795.30	155848.40
30	26.18	0.0767	0.00	24.38	148288.63	201955.67
31	25.36	0.0492	0.00	23.65	144656.29	193667.21
AVERAGE FLOW	26.77	0.1349	0.00	24.73	149661.35	175664.01
MAX AVERAGE DAILY FLOW	29.04	0.3392	0.00	26.63	184209.24	255990.82
MIN AVERAGE DAILY FLOW	24.64	0.0492	0.00	22.76	137380.23	62940.44
TOTAL MONTHLY FLOW	829.99	4.1815	0.00	766.73	4639501.81	5445584.24

Daily Flow



NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Flows and Grab Samples

Date	Influent	Canyon	7 Day Avg			7 Day Avg	
	Flow (MGD)	Collector	Influent Settable	Influent Settleable	Influent pH	Influent Oil & Grease (mg/L)	Influent Oil & Grease (mg/L)
LIMITS							
05/01/07	24.93	0.210188		6.5			34.5
05/02/07	27.71	0.181526	6.5	6.5	7.2	34.5	34.5
05/03/07	28.03	0.171972		6.5			34.5
05/04/07	26.55	0.162418		6.5			34.5
05/05/07	26.71	0.152864		6.5			34.5
05/06/07	26.94	0.162418		6.5			34.5
05/07/07	27.37	0.162418		6.5			34.5
05/08/07	26.16	0.162480		6.5			34.5
05/09/07	25.18	0.133756		6.5			34.5
05/10/07	24.63	0.152864	5.2	5.2	7.2	26.8	26.8
05/11/07	26.68	0.143310		5.2			26.8
05/12/07	29.28	0.219742		5.2			26.8
05/13/07	25.64	0.181526		5.2			26.8
05/14/07	28.94	0.171972		5.2			26.8
05/15/07	25.05	0.152864		5.2			26.8
05/16/07	25.68	0.143310		5.2			26.8
05/17/07	25.65	0.124202		5.2			26.8
05/18/07	27.08	0.162418	5.2	5.2	7.3	30.8	30.8
05/19/07	28.68	0.162418		5.2			30.8
05/20/07	26.88	0.152864		5.2			30.8
05/21/07	24.74	0.133756		5.2			30.8
05/22/07	27.44	0.171972	5.7	5.5	7.1	28.7	29.8
05/23/07	28.51	0.363052		5.5			29.8
05/24/07	27.20	0.162418		5.5			29.8
05/25/07	27.16	0.143310		5.7			28.7
05/26/07	29.03	0.181526		5.7			28.7
05/27/07	27.71	0.162418		5.7			28.7
05/28/07	27.95	0.191080	5.3	5.5	7.2	35.6	32.2
05/29/07	27.27	0.085986		5.3			35.6
05/30/07	26.28	0.114648		5.3			35.6
05/31/07	25.27	0.085980		5.3			35.6
Average	26.85	0.16	5.58	5.67	7.20	31.28	31.05
Maximum	29.28	0.36	6.50	6.50	7.30	35.60	35.60
Minimum	24.63	0.09	5.20	5.20	7.10	26.80	26.80

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

BOD and Solids

Date	Influent Temp	Influent TSS	Influent TSS 7D AV	Influent VSS	Influent BOD	Influent Soluable BOD	Influent CBOD	Influent 7D Av
	(C)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
LIMITS								
05/01/07	18.0	314	415			339	426	
05/02/07	22.0	402	420	213	486	413	441	431
05/03/07	22.0	392	423				432	439
05/04/07	22.0	251	358				260	384
05/05/07	21.0	373	359				364	379
05/06/07	23.0	351	341				362	359
05/07/07	23.0	334	345				352	364
05/08/07	24.0	307	344				321	362
05/09/07	23.0	316	332				329	346
05/10/07	23.5	422	336	216	464	410	439	347
05/11/07	22.7	307	344				319	355
05/12/07	23.0	322	337				338	351
05/13/07	23.0	370	340				370	353
05/14/07	23.0	225	324				260	339
05/15/07	22.0	319	326				320	339
05/16/07	22.0	347	330				360	344
05/17/07	23.0	402	327				429	342
05/18/07	22.0	418	343	224	458	402	431	358
05/19/07	22.5	384	352				407	368
05/20/07	20.5	362	351				371	368
05/21/07	22.0	423	379				435	393
05/22/07	22.0	393	390	205	440	380	425	408
05/23/07	22.0	387	396				390	413
05/24/07	22.2	368	391				392	407
05/25/07	23.0	327	378				371	399
05/26/07	23.0	583	406				575	423
05/27/07	22.0	447	418				432	431
05/28/07	23.0	306	402	163	358	301	322	415
05/29/07	23.0	444	409				449	419
05/30/07	20.5	527	429				499	434
05/31/07	22.5	467	443				475	446
Average	22.27	373.87	370.58	204.20	441.20	381.20	387.39	385.23
Maximum	24.00	583.00	443.00	224.00	486.00	413.00	575.00	446.14
Minimum	18.00	225.00	324.14	163.00	358.00	301.00	260.00	339.29

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	May	2007		
Report Frequency:	Monthly		Sampling Point:	Influent
Samples Collected By:	Veolia Water		Analyzed By:	Sierra Labs

Influent Composite Samples

Date	Influent COD (mg/L)	Influent Floatables (mg/L)	Influent TDS (mg/L)	Influent Turbidity (NTU)	Influent Turbidity 7-Day (NTU)	Influent Ammonia (mg/L)	Influent Total Solids (mg/L)	Influent Volatile Solids (mg/L)
LIMITS								
05/01/07					180.0			
05/02/07	843	6.7	1,590	180	180.0	50.8	2,210	1,080
05/03/07					180.0			
05/04/07					180.0			
05/05/07					180.0			
05/06/07					180.0			
05/07/07					180.0			
05/08/07					180.0			
05/09/07					180.0			
05/10/07	832	5.4	1,690	180	180.0	47.3	2,200	1,110
05/11/07					180.0			
05/12/07					180.0			
05/13/07					180.0			
05/14/07					180.0			
05/15/07					180.0			
05/16/07					180.0			
05/17/07					180.0			
05/18/07	973	5.4	1,720	180	180.0	50.8	2,290	1,080
05/19/07					180.0			
05/20/07					180.0			
05/21/07					180.0			
05/22/07	916	5.9	1,610	180	180.0	45.8	2,180	1,010
05/23/07					180.0			
05/24/07					180.0			
05/25/07					180.0			
05/26/07					180.0			
05/27/07					180.0			
05/28/07	842	5.4	1,910	180	180.0	46.0	2,180	1,020
05/29/07					180.0			
05/30/07					180.0			
05/31/07					180.0			
Average	881.20	5.76	1,704.00	180.00	180.00	48.14	2,212.00	1,060.00
Maximum	973.00	6.70	1,910.00	180.00	180.00	50.80	2,290.00	1,110.00
Minimum	832.00	5.40	1,590.00	180.00	180.00	45.80	2,180.00	1,010.00

NPDES NO. CA010892BORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Metals

Date	Influent Antimony (mg/L)	Influent Antimony Pounds/ Day	Influent Arsenic (mg/L)	Influent Arsenic Pounds/ Day	Influent Beryllium (mg/L)	Influent Beryllium Pounds/ Day	Influent Cadmium (mg/L)	Influent Cadmium Pounds/ Day	Influent Total Chromium (mg/L)	Influent Chromium Pounds/ Day
LIMITS			0.024	5	0.0025	0.5	0.06	13		
05/01/07										
05/02/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
05/03/07										
05/04/07										
05/05/07										
05/06/07										
05/07/07										
05/08/07										
05/09/07										
05/10/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
05/11/07										
05/12/07										
05/13/07										
05/14/07										
05/15/07										
05/16/07										
05/17/07										
05/18/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
05/19/07										
05/20/07										
05/21/07										
05/22/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
05/23/07										
05/24/07										
05/25/07										
05/26/07										
05/27/07										
05/28/07	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
05/29/07										
05/30/07										
05/31/07										
Average	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.0000	0.0000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
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Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Metals

Date	Influent Copper (mg/L)	Influent Copper Pounds/ Day	Influent Iron (mg/L)	Influent Lead .16	Influent Lead Pounds/ Day	Influent Mercury .0054	Influent Mercury Pounds/ Day	Influent Nickel (mg/L)	Influent Nickel Pounds/ Day
LIMITS									
05/01/07									
05/02/07	0.011	2.635	4.420	0.000	0.000	0.000300	0.000069	0.012	2.658
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07	0.044	9.120	5.770	0.000	0.000	0.000600	0.000123	0.016	3.348
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07	0.063	14.138	8.990	0.000	0.000	0.000000	0.000000	0.023	5.172
05/19/07									
05/20/07									
05/21/07									
05/22/07	0.021	4.806	4.730	0.000	0.000	0.000000	0.000000	0.014	3.250
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07	0.000	0.000	1.880	0.000	0.000	0.000000	0.000000	0.000	0.000
05/29/07									
05/30/07									
05/31/07									
Average	0.028	6.140	5.158	0.000	0.000	0.000180	0.000038	0.013	2.886
Maximum	0.063	14.138	8.990	0.000	0.000	0.000600	0.000123	0.023	5.172
Minimum	0.000	0.000	1.880	0.000	0.000	0.000000	0.000000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Lab

Influent Metals

Date	Influent Selenium (mg/L)	Influent Silver (mg/L)	Influent Silver Pounds/ Day	Influent Thallium (mg/L)	Influent Zinc (mg/L)	Influent Zinc Pounds/ Day
LIMITS					.0054	1.1
05/01/07						
05/02/07	0.000	0.000	0.000	0.000	0.060	13.820
05/03/07						
05/04/07						
05/05/07						
05/06/07						
05/07/07						
05/08/07						
05/09/07						
05/10/07	0.000	0.000	0.000	0.000	0.090	18.446
05/11/07						
05/12/07						
05/13/07						
05/14/07						
05/15/07						
05/16/07						
05/17/07						
05/18/07	0.000	0.000	0.000	0.000	0.138	31.167
05/19/07						
05/20/07						
05/21/07						
05/22/07	0.000	0.000	0.000	0.000	0.078	17.942
05/23/07						
05/24/07						
05/25/07						
05/26/07						
05/27/07						
05/28/07	0.000	0.000	0.000	0.000	0.014	3.147
05/29/07						
05/30/07						
05/31/07						
Average	0.000	0.000	0.000	0.000	0.076	16.904
Maximum	0.000	0.000	0.000	0.000	0.138	31.167
Minimum	0.000	0.000	0.000	0.000	0.014	3.147

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Cyanide and Radiation

Date	Influent Cyanide (mg/L)	Influent Cyanide Pounds/ Day	Influent Alpha Radiation (pc/L)	Influent Beta Radiation (pc/L)
LIMITS				
05/01/07				
05/02/07	0.020	4.622	4.74+/-1.63	15.1+/-4.07
05/03/07				
05/04/07				
05/05/07				
05/06/07				
05/07/07				
05/08/07				
05/09/07				
05/10/07	0.020	4.108		
05/11/07				
05/12/07				
05/13/07				
05/14/07				
05/15/07				
05/16/07				
05/17/07				
05/18/07	0.020	4.517		
05/19/07				
05/20/07				
05/21/07				
05/22/07	0.020	4.577		
05/23/07				
05/24/07				
05/25/07				
05/26/07				
05/27/07				
05/28/07	0.020	4.662		
05/29/07				
05/30/07				
05/31/07				
Average	0.020	4.497	4.74+/-1.63	15.1+/-4.07
Maximum	0.020	4.662	4.74+/-1.63	15.1+/-4.07
Minimum	0.020	4.108	4.74+/-1.63	15.1+/-4.07

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Aldrin (ug/L)	Influent Dieldrin (ug/L)	Influent Alpha BHC (ug/L)	Influent Beta BHC (ug/L)	Influent Gamma BHC (ug/L)	Influent Gamma BHC (lbs/Day)	Influent Delta BHC (ug/L)	Influent Total HCH (ug/L)	Influent p,p'-DDD (ug/L)
LIMITS									
05/01/07									
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/19/07									
05/20/07									
05/21/07									
05/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/29/07									
05/30/07									
05/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent p,p'-DDE (ug/L)	Influent p,p'-DDT (ug/L)	Influent o,p-DDD (ug/L)	Influent o,p-DDE (ug/L)	Influent o,p-DDT (ug/L)	Influent Total DDT (ug/L)	Influent Heptachlor (ug/L)	Influent Heptachlor Epoxide (ug/L)	Influent Total Heptachlor (ug/L)
LIMITS									
05/01/07									
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/19/07									
05/20/07									
05/21/07									
05/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/29/07									
05/30/07									
05/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Alpha(cis) Chlordane (ug/L)	Influent gamma-trans Chlordane (ug/L)	Influent Oxy-Chloro Chlordane (ug/L)	Influent Trans-Chloro Nonachlor (ug/L)	Influent cis-Chloro Nonachlor (ug/L)	Influent Total Chlordane (ug/L)
LIMITS						
05/01/07						
05/02/07	0.0	0.00	0.0	0.0	0.0	0.0
05/03/07						
05/04/07						
05/05/07						
05/06/07						
05/07/07						
05/08/07						
05/09/07						
05/10/07	0.0	0.00	0.0	0.0	0.0	0.0
05/11/07						
05/12/07						
05/13/07						
05/14/07						
05/15/07						
05/16/07						
05/17/07						
05/18/07	0.0	0.00	0.0	0.0	0.0	0.0
05/19/07						
05/20/07						
05/21/07						
05/22/07	0.0	0.00	0.0	0.0	0.0	0.0
05/23/07						
05/24/07						
05/25/07						
05/26/07						
05/27/07						
05/28/07	0.0	0.00	0.0	0.0	0.0	0.0
05/29/07						
05/30/07						
05/31/07						
Average	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Pesticides

Date	Influent Alpha Enodosulfan (ug/L)	Influent Beta Endosulfan (ug/L)	Influent Endosulfan Sulfate (ug/L)	Influent Total Endosulfan (ug/L)	Influent Endrin (ug/L)	Influent Endrin aldehyde (ug/L)	Influent Mirex (ug/L)	Influent Methoxy chlor (ug/L)	Influent Toxaphene (ug/L)
LIMITS									
05/01/07									
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/19/07									
05/20/07									
05/21/07									
05/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/29/07									
05/30/07									
05/31/07									
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent PCB's

Date	Influent PCB 1016 (ug/L)	Influent PCB 1221 (ug/L)	Influent PCB 1232 (ug/L)	Influent PCB 1242 (ug/L)	Influent PCB 1254 (ug/L)	Influent PCB 1260 (ug/L)	Influent PCB 1262 (ug/L)	Influent Total PCB's (ug/L)
LIMITS								
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Benzidine and Organo-Tin

Date	Influent Benzidine (ug/L)	Influent 3,3 Dichloro Benzidine (ug/L)	Influent Tributyl (ug/L)	Influent Dibutyl (ug/L)	Influent Monbutyl (ug/L)	Influent Keptone (ug/L)
LIMITS						
05/01/07						
05/02/07	0.00	0.00	0.00	0.00	0.00	0.00
05/03/07						
05/04/07						
05/05/07						
05/06/07						
05/07/07						
05/08/07						
05/09/07						
05/10/07					0.00	
05/11/07						
05/12/07						
05/13/07						
05/14/07						
05/15/07						
05/16/07						
05/17/07						
05/18/07					0.00	
05/19/07						
05/20/07						
05/21/07						
05/22/07					0.00	
05/23/07						
05/24/07						
05/25/07						
05/26/07						
05/27/07						
05/28/07					0.00	
05/29/07						
05/30/07						
05/31/07						
Average	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent bis(2-chloro ethyl) ether	Influent metadi chloro benzene	Influent orthodi chloro benzene	Influent paradi chloro benzene	Influent bis (2-chloro isopropyl) ehter	Influent N-nitrosodi propylamine	Influent Nitro Benzene	Influent Hexachloro Ethane
LIMITS	(ug/L)	(g/L)	(g/L)	(mg/L)	(mg/L)	(ug/L)	(mg/L)	(ug/L)
05/01/07								
05/02/07	0.000000	0.000001	0.000001	0.000000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000000	0.000001	0.000001	0.000000	0.000	0.000	0.000	0.000
Maximum	0.000000	0.000001	0.000001	0.000000	0.000	0.000	0.000	0.000
Minimum	0.000000	0.000001	0.000001	0.000000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	May	2007	
Report Frequency:	Monthly		Sampling Point:
Samples Collected By:	Veolia Water	Analyzed By:	Influent
			Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent iso phorone	Influent bis (2-chlor oethoxy) methane	Influent 1,2,4 Tri chloro benzene	Influent Naph thalene	Influent Hexachloro butadiene	Influent Hexachloro cyclopenta diene	Influent ace- naphthy lene	Influent Dimethyl phthalate
LIMITS	(g/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(ug/L)	(g/L)
05/01/07								
05/02/07	0.000000	0.000	0.00	0.00	0.000	0.000	0.0	0.000000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000
Maximum	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000
Minimum	0.000000	0.000	0.00	0.00	0.000	0.000	0.00	0.000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent 2,6 Dinitro toluene	Influent ace- naph thene	Influent 2,4- dinitro toluene	Influent Fluorene	Influent 4-chloro phenyl ether	Influent diethyl phthalate	Influent N-nitro diphenyl amine	Influent 4-bromo phenyl ether	Influent Hexachloro benzene
LIMITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(g/L)	(ug/L)	(ug/L)	(ug/L)
05/01/07									
05/02/07	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07									
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07									
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05/21/07									
05/22/07									
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07									
05/29/07									
05/30/07									
05/31/07									
Average	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
Maximum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000
Minimum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00	0.000

NPDES NO. CA0108928
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Phenanthrene (pah) (ug/L)	Influent anthracene (ug/L)	Influent Di-N-Butyl phthalate (mg/L)	Influent N-Nitrosodi methyl amine (mg/L)	Influent Fluoranthene (pah) (mg/L)	Influent Pyrene (pah) (ug/L)	Influent Butyl benzyl phthalate (ug/L)	Influent Chrysene (pah) (ug/L)
05/01/07								
05/02/07	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
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05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
Maximum	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00
Minimum	0.000	0.000	0.000000	0.000	0.000	0.000	0.000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Benzo(A) antracene	Influent bis (2-ethyl hexyl) Phthalate	Influent Di-n-octyl phthalate	Influent Benzo(K) Flouran thene	Influent Benzo(B) Flouran thene	Influent Benzo(A) Pyrene	Influent Indeno (1,2,3 CD) Pyrene	Influent Dibenzo (A,H) Antra cene
LIMITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
05/01/07								
05/02/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
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05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent Base/Neutral Compounds (EPA 625)

Date	Influent Benzo (G,H,I) Perylene LIMITS (ug/L)	Influent 1,2 Diphenylhydrazine (ug/L)	Influent Total PAH (ug/L)	Influent 2-chloro phenol (ug/L)	Influent 2,4 Dichloro phenol (ug/L)	Influent 4-chloro -3- methyl phenol (ug/L)	Influent 2,4,6 Tri chloro phenol (ug/L)	Influent Penta chloro phenol (ug/L)
05/01/07								
05/02/07	0.00	0.00	0.00	0.000	0.000	0.000	0.00	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07				0.000	0.000	0.000	0.00	0.000
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07				0.000	0.000	0.000	0.00	0.000
05/19/07								
05/20/07								
05/21/07								
05/22/07				0.000	0.000	0.000	0.00	0.000
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07				0.000	0.000	0.000	0.00	0.000
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Maximum	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
Minimum	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Total chlorinated phenols (ug/L)	Influent Phenol (ug/L)	Influent 2-nitro phenol (ug/L)	Influent 2,4-Dimethyl phenol (ug/L)	Influent 2,4 dinitro phenol (ug/L)	Influent 4 nitro phenol (ug/L)	Influent 2-methyl -4,6-dinitro phenol (ug/L)	Influent Total Non-chlorinated phenols (ug/L)
05/01/07								
05/02/07	0.000	3.5	0.00	0.00	0.00	0.00	0.000	0.004
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.000	3.7	0.00	0.00	0.00	0.00	0.000	0.004
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.000	6.2	0.00	0.00	0.00	0.00	0.000	0.006
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.000	15.0	0.00	1.40	0.00	0.00	0.000	0.016
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.000	1.8	0.00	0.00	0.00	0.00	0.000	0.002
05/29/07								
05/30/07								
05/31/07								
Average	0.000	6.04	0.00	0.28	0.00	0.00	0.000	0.006
Maximum	0.000	15.00	0.00	1.40	0.00	0.00	0.000	0.016
Minimum	0.000	1.80	0.00	0.00	0.00	0.00	0.000	0.002

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Chloro Methane (mg/L)	Influent bromo methane (mg/L)	Influent Vinyl Chloride (mg/L)	Influent Chloro Ethane (ug/L)	Influent 1,1 dichloro Ethene (g/L)	Influent Trichloro Flouro Methane (ug/L)	Influent Methlyene chloride (mg/L)	Influent 1,1 Dichloro ethane (ug/L)	Influent Trans- 1,2 Dichloro ethene (ug/L)
05/01/07									
05/02/07	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07									
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07									
05/19/07									
05/20/07									
05/21/07									
05/22/07									
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07									
05/29/07									
05/30/07									
05/31/07									
Average	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
Maximum	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00
Minimum	0.000	0.000	0.000	0.0	0.000000	0.0	0.0000	0.0	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Chloroform (mg/L)	Influent 1,2 Dichloro ethane (mg/L)	Influent 1,1,1 Trichloro ethane (g/L)	Influent Carbon Tetra Chloride (ug/L)	Influent DCBM (mg/L)	Influent 1,2 Di chloro propane (ug/L)	Influent Trans- 1,3 Dichloro propene (mg/L)	Influent Trichloro ethene (mg/L)	Influent Benzene (mg/L)
05/01/07									
05/02/07	0.0021	0.000	0.000000	0.00	0.0000	0.000	0.000	0.0000	0.000
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07									
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07									
05/19/07									
05/20/07									
05/21/07									
05/22/07									
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07									
05/29/07									
05/30/07									
05/31/07									
Average	0.0021	0.000	0.000000	0.00	0.0000	0.000	0.000	0.0000	0.000
Maximum	0.0021	0.000	0.000000	0.00	0.0000	0.000	0.000	0.0000	0.000
Minimum	0.0021	0.000	0.000000	0.00	0.0000	0.000	0.000	0.0000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Dibromo chloro (ug/L)	Influent 1,1,2 ethane (g/L)	Influent cis-1,3 propene (ug/L)	Influent 2-Chloro ethyl vinyl ether (ug/L)	Influent Bromoform (mg/L)	Influent 1,1,2,2-tetrachlor oethene (mg/L)	Influent Tetrachloroethene (mg/L)	Influent Toluene (g/L)	Influent Chloro Benzene (mg/L)
05/01/07									
05/02/07	0.0000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000003	0.000000
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07									
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
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05/19/07									
05/20/07									
05/21/07									
05/22/07									
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07									
05/29/07									
05/30/07									
05/31/07									
Average	0.0000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000003	0.000000
Maximum	0.0000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000003	0.000000
Minimum	0.0000	0.000000	0.000	0.000	0.000	0.000	0.000000	0.000003	0.000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent VOCa (EPA 624)

Date	Influent Ethyl benzene (mg/L)	Influent 2- Butanone (MEK) (ug/L)	Influent Carbon Disulfide (mg/L)	Influent Total Halo methanes (ug/L)	Influent Acrylo nitrile (ug/L)	Influent Acrylo nitrile (lbs/Day)	Influent Acrolien (ug/L)	Influent Acrolien (lbs/Day)
05/01/07								
05/02/07	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
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05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent TCDD Equivalents

Date	Influent 2,3,7,8 tetra CDD (ng/L)	Influent 1,2,3,7,8 Penta CDD (ng/L)	Influent 1,2,3,4,7,8 Hexa CDD (ng/L)	Influent 1,2,3,6,7,8 Hexa CDD (ng/L)	Influent 1,2,3,7,8,9 Hepta CDD (ng/L)	Influent 1,2,3,4,6,7,8 Octa CDD (ng/L)	Influent 2,3,7,8 Tetra CDF (ng/L)	Influent 2,3,7,8 Penta CDF (ng/L)
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
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05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY INFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Influent TCDD Equivalents

Date	Influent 2,3,6,7,8- Penta CDF (ng/L)	Influent 1,2,3,4,7,8- hexa CDF (ng/L)	Influent 1,2,3,6,7,8 hexa CDF (ng/L)	Influent 1,2,3,7,8,9 hexa CDF (ng/L)	Influent 2,3,4,6, 7,8-hexa CDF (ng/L)	Influent 1,2,3,4,6,7,8 hepta CDF (ng/L)	Influent 1,2,3,4,7,8 9-hepta CDF (ng/L)	Influent Octa CDF (ng/L)	Influent TOTAL TCDD (ng/L)	Influent TOTAL TCDD (lbs/d)
05/01/07										
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.000000000
05/03/07										
05/04/07										
05/05/07										
05/06/07										
05/07/07										
05/08/07										
05/09/07										
05/10/07										
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05/24/07										
05/25/07										
05/26/07										
05/27/07										
05/28/07										
05/29/07										
05/30/07										
05/31/07										
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000000000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000000000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000000000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Flows and Grab Samples

Date	Effluent	Effluent	PE	PEEC/FEB	Effluent	7 Day Avg	
	Flow (MGD)	Flow	Emergency	Effluent	Settleable	Effluent	Settleable
	Flow (MGD)	7 Day Avg MGD	30 Day Avg MGD	Flow MGD	Flow ml/L	Solids ml/L	Solids ml/L
LIMITS							
05/01/07	23.72	24.48	24.23	0.00	0.00	0.10	0.10
05/02/07	25.73	25.14	24.25	0.00	0.00	0.10	0.10
05/03/07	24.23	25.16	24.20	0.00	0.00	0.10	0.10
05/04/07	24.41	25.12	24.16	0.00	0.00	0.10	0.10
05/05/07	25.33	24.74	24.18	0.00	0.00	0.10	0.10
05/06/07	24.27	24.57	24.25	0.00	0.00	0.10	0.10
05/07/07	25.14	24.69	24.35	0.00	0.00	0.10	0.10
05/08/07	23.96	24.72	24.41	0.00	0.00	0.10	0.10
05/09/07	24.11	24.49	24.40	0.00	0.00	0.10	0.10
05/10/07	22.75	24.28	24.32	0.00	0.00	0.10	0.10
05/11/07	23.69	24.18	24.28	0.00	0.00	0.10	0.10
05/12/07	26.65	24.37	24.54	0.00	0.00	0.10	0.10
05/13/07	23.94	24.32	24.46	0.00	0.00	0.10	0.10
05/14/07	26.42	24.50	24.43	0.00	0.00	0.10	0.10
05/15/07	23.87	24.49	24.40	0.00	0.00	0.10	0.10
05/16/07	23.30	24.37	24.31	0.00	0.00	0.10	0.10
05/17/07	23.38	24.46	24.20	0.00	0.00	0.10	0.10
05/18/07	24.85	24.63	24.14	0.00	0.00	0.10	0.10
05/19/07	25.67	24.49	24.12	0.00	0.00	0.10	0.10
05/20/07	24.74	24.60	23.97	0.00	0.00	0.10	0.10
05/21/07	23.67	24.21	23.97	0.00	0.00	0.10	0.10
05/22/07	25.13	24.39	24.14	0.00	0.00	0.10	0.10
05/23/07	26.28	24.82	24.39	0.00	0.00	0.10	0.10
05/24/07	25.49	25.12	24.61	0.00	0.00	0.10	0.10
05/25/07	24.98	25.14	24.74	0.00	0.00	0.10	0.10
05/26/07	26.60	25.27	24.82	0.00	0.00	0.10	0.10
05/27/07	24.84	25.28	24.83	0.00	0.00	0.10	0.10
05/28/07	26.11	25.63	24.77	0.00	0.00	0.10	0.10
05/29/07	25.46	25.68	24.77	0.00	0.00	0.10	0.10
05/30/07	24.40	25.41	24.77	0.00	0.00	0.10	0.10
05/31/07	23.60	25.14	24.77	0.00	0.00	0.10	0.10
Average	24.73	24.77	24.39	0.00	0.00	0.10	0.10
Maximum	26.65	25.68	24.83	0.00	0.00	0.10	0.10
Minimum	22.75	24.18	23.97	0.00	0.00	0.10	0.10

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Oil and Grease

Date	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	pH	Temperature	Oil & Grease (mg/L)	Oil & Grease (lbs/Day)	7 Day Oil & Grease (mg/L)	7 Day Oil & Grease (lbs/Day)	30 Day Oil & Grease (mg/L)	30 Day Oil & Grease (lbs/Day)
LIMITS	SU 6.0-9.0	C	75.0	16,000	40	8300	25	5200
05/01/07	7.3	17.5	8.6	1,701	10.6	2,186	10.8	2,176
05/02/07	7.3	22.2	12.7	2,725	11.2	2,361	10.8	2,179
05/03/07	7.2	22.2	10.8	2,182	10.9	2,302	10.8	2,187
05/04/07	7.2	20.9	11.6	2,362	11.1	2,328	10.8	2,183
05/05/07	7.0	21.3	8.6	1,817	10.8	2,244	10.7	2,163
05/06/07	7.2	21.7	10.2	2,065	10.2	2,102	10.7	2,170
05/07/07	7.3	22.0	11.6	2,432	10.6	2,183	10.8	2,197
05/08/07	7.3	22.0	14.0	2,798	11.4	2,340	10.9	2,217
05/09/07	7.4	24.0	11.8	2,373	11.2	2,290	11.0	2,238
05/10/07	7.0	23.3	8.9	1,689	11.0	2,219	10.9	2,220
05/11/07	7.2	23.3	10.3	2,035	10.8	2,172	10.9	2,209
05/12/07	7.2	23.0	12.8	2,845	11.4	2,319	10.9	2,235
05/13/07	7.0	22.0	13.8	2,755	11.9	2,418	10.9	2,233
05/14/07	7.2	22.0	10.6	2,336	11.7	2,404	11.0	2,239
05/15/07	7.2	22.0	10.4	2,070	11.2	2,300	11.0	2,250
05/16/07	7.2	22.0	11.9	2,312	11.2	2,292	11.1	2,251
05/17/07	7.0	22.8	9.4	1,833	11.3	2,312	11.0	2,226
05/18/07	7.2	22.2	10.7	2,218	11.4	2,338	11.0	2,220
05/19/07	7.1	22.8	11.4	2,441	11.2	2,281	11.0	2,213
05/20/07	7.3	22.0	10.8	2,228	10.7	2,205	11.0	2,203
05/21/07	7.1	22.0	13.0	2,566	11.1	2,238	11.0	2,211
05/22/07	7.3	22.0	10.9	2,284	11.2	2,269	11.1	2,236
05/23/07	7.2	22.0	11.3	2,477	11.1	2,292	11.1	2,258
05/24/07	7.2	22.5	10.8	2,296	11.3	2,359	11.1	2,281
05/25/07	7.2	23.0	10.9	2,271	11.3	2,366	11.2	2,307
05/26/07	7.2	22.0	11.9	2,640	11.4	2,395	11.1	2,309
05/27/07	7.0	23.0	12.6	2,610	11.6	2,449	11.2	2,323
05/28/07	7.0	22.0	14.3	3,114	11.8	2,527	11.3	2,347
05/29/07	7.2	22.0	9.3	1,975	11.6	2,483	11.2	2,310
05/30/07	7.2	22.0	14.0	2,849	12.0	2,536	11.3	2,343
05/31/07	7.2	23.0	14.3	2,815	12.5	2,610	11.5	2,380
Average	7.18	22.2	11.43	2,358.52	11.25	2,326.45	11.00	2,242.39
Maximum	7.40	24.0	14.30	3,113.93	12.47	2,610.46	11.52	2,380.38
Minimum	7.00	17.5	8.60	1,688.64	10.24	2,102.23	10.72	2,163.19

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent TSS (mg/L)	Effluent TSS (lbs/Day)	Effluent TSS 7Day Average (mg/L)	Effluent TSS 7Day Average (lbs/Day)	Effluent TSS 30 Day Average (mg/L)	Effluent TSS 30 Day Average (lbs/Day)	Effluent VSS (mg/L)	Effluent BOD (mg/L)
LIMITS	50	10,000	45	9,400	30	6,300		
05/01/07	66.0	13,056	66.9	13,609	75	15,163	56.0	115.0
05/02/07	83.0	17,811	67.6	14,187	75	15,146	68.0	123.0
05/03/07	57.0	11,518	68.6	14,397	74	14,911	48.0	112.0
05/04/07	53.0	10,790	66.9	14,030	72	14,510	44.0	108.0
05/05/07	64.0	13,520	67.0	13,859	71	14,354	54.0	115.0
05/06/07	51.0	10,323	63.6	13,057	71	14,240	42.0	118.0
05/07/07	76.0	15,935	64.3	13,279	71	14,374	65.0	128.0
05/08/07	72.0	14,388	65.1	13,469	71	14,423	59.0	115.0
05/09/07	88.0	17,695	65.9	13,453	71	14,432	74.0	128.0
05/10/07	71.0	13,471	67.9	13,732	71	14,362	62.0	119.0
05/11/07	69.0	13,633	70.1	14,138	71	14,292	58.0	115.0
05/12/07	74.0	16,447	71.6	14,556	71	14,434	61.0	108.0
05/13/07	67.0	13,377	73.9	14,992	70	14,294	53.0	116.0
05/14/07	74.0	16,305	73.6	15,045	70	14,205	59.0	109.0
05/15/07	68.0	13,537	73.0	14,924	70	14,157	56.0	115.0
05/16/07	81.0	15,740	72.0	14,644	70	14,099	70.0	132.0
05/17/07	62.0	12,089	70.7	14,447	70	13,998	51.0	118.0
05/18/07	54.0	11,191	68.6	14,098	68	13,727	45.0	121.0
05/19/07	68.0	14,558	67.7	13,828	69	13,734	57.0	119.0
05/20/07	62.0	12,793	67.0	13,745	69	13,707	49.0	116.0
05/21/07	56.0	11,055	64.4	12,995	68	13,600	47.0	116.0
05/22/07	71.0	14,880	64.9	13,187	68	13,718	81.0	129.0
05/23/07	64.0	14,027	62.4	12,942	68	13,784	54.0	118.0
05/24/07	72.0	15,306	63.9	13,402	68	13,855	63.0	110.0
05/25/07	44.0	9,167	62.4	13,112	66	13,702	36.0	110.0
05/26/07	57.0	12,645	60.9	12,839	67	13,788	44.0	122.0
05/27/07	66.0	13,673	61.4	12,965	67	13,799	55.0	115.0
05/28/07	73.0	15,896	63.9	13,656	67	13,838	61.0	124.0
05/29/07	71.0	15,076	63.9	13,684	67	13,810	57.0	116.0
05/30/07	64.0	13,024	63.9	13,541	67	13,764	52.0	113.0
05/31/07	68.0	13,384	63.3	13,266	67	13,775	57.0	118.0
Average	66.65	13,751.94	66.69	13,776.71	69.68	14,128.87	56.06	117.45
Maximum	88.00	17,810.82	73.86	15,045.15	75.10	15,163.38	81.00	132.00
Minimum	44.00	9,166.66	60.86	12,839.01	66.37	13,600.34	36.00	108.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent Soluable BOD (mg/L)	Effluent CBOD (mg/L)	Effluent CBOD (lbs/Day)	Effluent CBOD 7D Av (mg/L)	Effluent CBOD 7D Av (lbs/Day)	Effluent CBOD 30 D Av (mg/L)	Effluent CBOD 30 D Av (lbs/Day)	Effluent Floatables (mg/L)
LIMITS	45	9,400	40	8,300	25	5,200		
05/01/07	75.0	100	19,782	103	20,974	106	21,450	0.1
05/02/07	88.0	104	22,317	103	21,515	106	21,438	0.0
05/03/07	80.0	91	18,389	102	21,358	105	21,153	0.1
05/04/07	75.0	90	18,322	100	20,980	103	20,839	0.1
05/05/07	81.0	101	21,336	100	20,624	103	20,729	0.1
05/06/07	75.0	95	19,229	98	20,064	102	20,710	0.1
05/07/07	84.0	107	22,434	98	20,259	103	20,887	0.1
05/08/07	84.0	96	19,183	98	20,173	103	20,899	0.1
05/09/07	91.0	110	22,119	99	20,145	103	20,908	0.1
05/10/07	86.0	108	20,491	101	20,445	103	20,875	0.1
05/11/07	79.0	103	20,350	103	20,735	103	20,850	0.1
05/12/07	74.0	91	20,226	101	20,576	103	20,969	0.1
05/13/07	82.0	105	20,964	103	20,824	102	20,819	0.1
05/14/07	80.0	91	20,051	101	20,484	102	20,674	0.1
05/15/07	86.0	102	20,306	101	20,644	101	20,602	0.1
05/16/07	90.0	108	20,987	101	20,482	101	20,532	0.1
05/17/07	78.0	104	20,279	101	20,452	101	20,452	0.1
05/18/07	82.0	109	22,590	101	20,772	102	20,405	0.1
05/19/07	80.0	101	21,623	103	20,971	102	20,421	0.1
05/20/07	71.0	94	19,395	101	20,747	101	20,249	0.1
05/21/07	81.0	102	20,136	103	20,759	102	20,260	0.1
05/22/07	84.0	102	21,378	103	20,912	101	20,400	0.1
05/23/07	86.0	105	23,013	102	21,202	101	20,608	0.1
05/24/07	78.0	94	19,983	101	21,160	101	20,731	0.1
05/25/07	80.0	98	20,417	99	20,849	101	20,794	0.1
05/26/07	85.0	108	23,959	100	21,183	101	20,943	0.1
05/27/07	80.0	91	18,852	100	21,105	101	20,872	0.1
05/28/07	84.0	106	23,082	101	21,526	101	20,847	0.1
05/29/07	85.0	102	21,658	101	21,566	101	20,797	0.1
05/30/07	78.0	94	19,129	99	21,011	100	20,733	0.1
05/31/07	81.0	102	20,076	100	21,025	100	20,743	0.1
Average	81.39	100.45	20,711.48	100.87	20,823.29	102.10	20,760.94	0.10
Maximum	91.00	110.00	23,959.15	102.86	21,566.43	106.03	21,450.08	0.10
Minimum	71.00	90.00	18,322.15	97.71	20,063.53	100.40	20,249.13	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Composite Samples

Date	Effluent TDS	Effluent Turbidity	Effluent 7 Day AVG	Effluent 30-Day	Effluent COD	Effluent Total Solids	Effluent Volatile Solids
	(mg/L)	(NTU)	(NTU)	(NTU)	(mg/L)	(mg/L)	(mg/L)
LIMITS							
05/01/07	1,530	49.40	54.6	54.0			
05/02/07	1,570	66.80	55.6	54.4	342	2,190	1,140
05/03/07	1,680	50.10	54.8	54.6			
05/04/07	1,670	45.70	52.9	54.4			
05/05/07	1,690	50.60	52.8	54.1			
05/06/07	1,690	47.50	52.0	53.9			
05/07/07	1,660	53.70	52.0	54.2			
05/08/07	1,500	52.80	52.5	54.4			
05/09/07	1,550	68.20	52.7	54.9			
05/10/07	1,640	50.80	52.8	54.9	358	2,130	1,110
05/11/07	1,670	54.90	54.1	54.9			
05/12/07	1,710	50.90	54.1	54.8			
05/13/07	1,690	52.80	54.9	55.0			
05/14/07	1,670	50.70	54.4	54.6			
05/15/07	1,580	57.20	55.1	54.7			
05/16/07	1,590	57.20	53.5	54.6			
05/17/07	1,550	30.20	50.6	53.7			
05/18/07	1,720	45.70	49.2	52.9	586	2,250	1,140
05/19/07	1,680	34.80	46.9	52.5			
05/20/07	1,510	51.40	46.7	52.5			
05/21/07	1,640	40.40	45.3	52.1			
05/22/07	1,590	52.10	44.5	52.1	338	2,160	1,070
05/23/07	1,700	43.30	42.6	51.8			
05/24/07	1,550	56.90	46.4	51.6			
05/25/07	1,860	40.00	45.6	50.9			
05/26/07	1,880	49.70	47.7	50.7			
05/27/07	1,870	45.10	46.8	50.2			
05/28/07	1,840	40.80	46.8	49.9	327	2,150	1,090
05/29/07	1,840	40.20	45.1	49.5			
05/30/07	1,640	40.50	44.7	49.0			
05/31/07	1,650	35.40	41.7	48.5			
Average	1,664.84	48.57	49.98	52.91	390.20	2,176.00	1,110.00
Maximum	1,880.00	68.20	55.63	54.98	586.00	2,250.00	1,140.00
Minimum	1,500.00	30.20	41.67	48.55	327.00	2,130.00	1,070.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	May 2007	
Report Frequency:	Monthly	Sampling Point:
Samples Collected By:	Veolia Water	Analyzed By:
		Effluent Sierra Labs

Effluent Composite Samples

Date	Effluent Water Flea Toxicity (TUa)	Effluent 7 Day Water Flea Toxicity (TUa)	Effluent 30 Day Water Flea Toxicity (TUa)	Effluent Red Abalone (TUC) 100	Effluent Topsmelt Survival (TUC)	Effluent Survival Growth (TUC)	Effluent Total Coliform (mpn/100ml)
LIMITS	2.5	2.0	1.5	100			
05/01/07		2.8	6.1				
05/02/07	4.8	3.8	5.9	50.0			1,500,000
05/03/07		3.8	5.9				
05/04/07		3.8	5.9				
05/05/07		3.8	5.9				
05/06/07		3.8	5.8				
05/07/07		4.8	5.8				
05/08/07		4.8	5.8				
05/09/07			5.8				
05/10/07	6.7	6.7	5.9	100.0			
05/11/07		6.7	5.9				
05/12/07		6.7	4.6				
05/13/07		6.7	4.6				
05/14/07		6.7	4.6				
05/15/07		6.7	4.6				
05/16/07		6.7	4.6				
05/17/07			4.6				
05/18/07	11.4	11.4	6.4	100.0			
05/19/07		11.4	6.4				
05/20/07		11.4	6.4				
05/21/07		11.4	6.4				
05/22/07		11.4	6.4				
05/23/07	3.6	7.5	5.9	100.0			
05/24/07		7.5	5.9				
05/25/07		7.5	5.9				
05/26/07		7.5	5.9				
05/27/07		7.5	5.9				
05/28/07		7.5	5.9				
05/29/07	5.6	7.5	5.8	100.0			
05/30/07		5.6	6.4				
05/31/07		5.6	6.4				
Average	6.42	6.86	5.75	90.00			1,500,000.00
Maximum	11.40	11.40	6.43	100.00			1,500,000.00
Minimum	3.60	2.80	4.60	50.00			1,500,000.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Antimony (mg/L)	Effluent Antimony Pounds/ Day	Effluent Arsenic (mg/L)	Effluent Arsenic Pounds/ Day	Effluent Beryllium (ug/L)	Effluent Beryllium Pounds/ Day	Effluent Cadmium (mg/L)	Effluent Cadmium Pounds/ Day
LIMITS	120	25,000	2.9	600	3.3	.7	.4	83
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Total Chromium (mg/L)	Effluent Chromium Pounds/ Day	Effluent Copper (mg/L)	Effluent Copper Pounds/ Day	Effluent Iron (mg/L)	Effluent Lead (mg/L)	Effluent Lead Pounds/ Day
LIMITS	.81	170	1	210	.81		170
05/01/07							
05/02/07	0.0000	0.0000	0.037	8.46	1.36	0.000	0.00
05/03/07							
05/04/07							
05/05/07							
05/06/07							
05/07/07							
05/08/07							
05/09/07							
05/10/07	0.0000	0.0000	0.030	6.16	0.99	0.000	0.00
05/11/07							
05/12/07							
05/13/07							
05/14/07							
05/15/07							
05/16/07							
05/17/07							
05/18/07	0.0000	0.0000	0.025	5.53	1.01	0.000	0.00
05/19/07							
05/20/07							
05/21/07							
05/22/07	0.0000	0.0000	0.035	8.10	1.35	0.000	0.00
05/23/07							
05/24/07							
05/25/07							
05/26/07							
05/27/07							
05/28/07	0.0000	0.0000	0.000	0.00	0.67	0.000	0.00
05/29/07							
05/30/07							
05/31/07							
Average	0.0000	0.0000	0.025	5.65	1.08	0.000	0.00
Maximum	0.0000	0.0000	0.037	8.46	1.36	0.000	0.00
Minimum	0.0000	0.0000	0.000	0.00	0.67	0.000	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Mercury (ug/L)	Effluent Mercury Pounds/ Day	Effluent Nickel (mg/L)	Effluent Nickel Pounds/ Day	Effluent Selenium (mg/L)	Effluent Selenium Pounds/ Day	Effluent Silver (mg/L)	Effluent Silver Pounds/ Day
LIMITS	16	3.3	2	420	6.1	1300	.27	56
05/01/07								
05/02/07	0.00000	0.00000	0.014	3.19	0.000	0.00	0.000	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.00000	0.00000	0.014	2.90	0.000	0.00	0.000	0.00
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.00000	0.00000	0.014	3.21	0.000	0.00	0.000	0.00
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.00000	0.00000	0.010	2.31	0.000	0.00	0.000	0.00
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.00000	0.00000	0.000	0.00	0.000	0.00	0.000	0.00
05/29/07								
05/30/07								
05/31/07								
Average	0.00000	0.00000	0.010	2.32	0.000	0.00	0.000	0.000
Maximum	0.00000	0.00000	0.014	3.21	0.000	0.00	0.000	0.000
Minimum	0.00000	0.00000	0.000	0.00	0.000	0.00	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Metals

Date	Effluent Thalium (mg/L)	Effluent Thalium Pounds/ Day	Effluent Zinc (mg/L)	Effluent Zinc Pounds/ Day
LIMITS	1.4	290	7.3	1500
05/01/07				
05/02/07	0.0000	0.0000	0.067	15.58
05/03/07				
05/04/07				
05/05/07				
05/06/07				
05/07/07				
05/08/07				
05/09/07				
05/10/07	0.0000	0.0000	0.058	11.98
05/11/07				
05/12/07				
05/13/07				
05/14/07				
05/15/07				
05/16/07				
05/17/07				
05/18/07	0.0000	0.0000	0.025	5.53
05/19/07				
05/20/07				
05/21/07				
05/22/07	0.0000	0.0000	0.064	14.65
05/23/07				
05/24/07				
05/25/07				
05/26/07				
05/27/07				
05/28/07	0.0000	0.0000	0.017	4.01
05/29/07				
05/30/07				
05/31/07				
Average	0.0000	0.0000	0.046	10.35
Maximum	0.0000	0.0000	0.067	15.58
Minimum	0.0000	0.0000	0.017	4.01

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Cyanide and Radiation

Date	Effluent Cyanide (mg/L)	Effluent Cyanide Pounds/ Day	Effluent Alpha Radiation (pCi/L)	Effluent Beta Radiation (pCi/L)	Effluent Total Chlorine (mg/L)	Effluent Total Chloine lbs/Day	Effluent Ammonia-N (mg/L)	Effluent Ammonia-N lbs/Day
LIMITS								
05/01/07					0.10	20.79		
05/02/07	0.02	4.62	1.95+/-1.23	18.5+/-4.26	0.10	23.11	53.0	12,248.4
05/03/07					0.10	23.38		
05/04/07					0.10	22.14		
05/05/07					0.10	22.28		
05/06/07					0.10	22.47		
05/07/07					0.10	22.83		
05/08/07					0.10	21.82		
05/09/07					0.10	21.00		
05/10/07	0.02	4.11			0.10	20.54	51.0	10,476.1
05/11/07					0.10	22.25		
05/12/07					0.10	24.42		
05/13/07					0.10	21.38		
05/14/07					0.10	24.14		
05/15/07					0.10	20.89		
05/16/07					0.10	21.42		
05/17/07					0.10	21.39		
05/18/07	0.02	4.52			0.10	22.58	53.5	12,082.8
05/19/07					0.10	23.92		
05/20/07					0.10	22.42		
05/21/07					0.10	20.63		
05/22/07	0.02	4.58			0.10	22.88	50.6	11,579.8
05/23/07					0.10	23.78		
05/24/07					0.10	22.68		
05/25/07					0.10	22.65		
05/26/07					0.10	24.21		
05/27/07					0.10	23.11		
05/28/07	0.02	4.66			0.10	23.31	46.5	10,839.3
05/29/07					0.10	22.74		
05/30/07					0.10	21.92		
05/31/07					0.10	21.08		
Average	0.02	4.50	1.95+/-1.23	18.5+/-4.26	0.10	22.39	50.92	11,445.28
Maximum	0.02	4.66	1.95+/-1.23	18.5+/-4.26	0.10	24.42	53.50	12,248.37
Minimum	0.02	4.11	1.95+/-1.23	18.5+/-4.26	0.10	20.54	46.50	10,476.12

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent Aldrin (ng/L)	Effluent Aldrin (lbs/Day)	Effluent Dieldrin (ug/L)	Effluent Dieldrin (lbs/Day)	Effluent Alpha BHC (ug/L)	Effluent Beta BHC (ug/L)	Effluent Gamma BHC (ug/L)	Effluent Delta BHC (ug/L)
LIMITS	2.2	.00046	4	.00083				
05/01/07								
05/02/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Influent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent Total HCH	Effluent Total HCH (lbs/Day)	Effluent p,p'-DDD (ng/L)	Effluent p,p'-DDT (ng/L)	Effluent o,p-DDD (ng/L)	Effluent o,p-DDE (ng/L)	Effluent o,p-DDT (ng/L)	Effluent Total DDT (ng/L)
LIMITS	.81	.17						
05/01/07								
05/02/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Pesticides

	Effluent Total DDT (lbs/Day)	Effluent Heptachlor (ng/L)	Effluent Heptachlor Epoxide (ng/L)	Effluent Total Heptachlor (ng/L)	Effluent Total Heptachlor (lbs/Day)	Effluent Alpha(cis) Chlordane (ng/L)	Effluent gamma-trans Chlordane (ng/L)	Effluent Alpha(cis) Chlordane (ng/L)
LIMITS								
05/01/07								
05/02/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
05/29/07								
05/30/07								
05/31/07								
Average	0.0000	0.00	0.00	0.00	0.000	0.00	0.00	0.00
Maximum	0.0000	0.00	0.00	0.00	0.000	0.00	0.00	0.00
Minimum	0.0000	0.00	0.00	0.00	0.000	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent gamma-trans Chlordane (ng/L)	Effluent Oxy-Chlordane (ng/L)	Effluent Trans-Nonachlor (ng/L)	Effluent cis Nonachlor (ng/L)	Effluent Total Chlordane (ng/L)	Effluent Total Chlordane (lbs/Day)	Effluent Alpha Enodosulfan (ng/L)	Effluent Beta Enodosulfan (ng/L)
LIMITS								
05/01/07								
05/02/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.0	0.0	0.0	0.0	0.0	0.000000	0.00	0.00
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.000000	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Pesticides

Date	Effluent Endo-Sulfan Sulfate (ng/L)	Effluent Total Endo Sulfate (ng/L)	Effluent Endrin (ug/L)	Effluent Endrin (lbs/Day)	Effluent Endrin Aldahyde (ng/L)	Effluent Mirex (ng/L)	Effluent Methoxy chlor (ng/L)	Effluent Toxaphene (ng/L)
LIMITS								
05/01/07								
05/02/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 **ORDER 96-52**
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent PCBs

Date	Effluent PCB (ug/L)	Effluent Total PCB 1.9						
05/01/07								
05/02/07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05/29/07								
05/30/07								
05/31/07								
Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
Report Frequency: Monthly Sampling Point: Effluent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent PCBs

	Effluent
	Total
Date	PCB
	(lbs/day)

LIMITS

05/01/07	
05/02/07	0.0000
05/03/07	
05/04/07	
05/05/07	
05/06/07	
05/07/07	
05/08/07	
05/09/07	
05/10/07	0.0000
05/11/07	
05/12/07	
05/13/07	
05/14/07	
05/15/07	
05/16/07	
05/17/07	
05/18/07	0.0000
05/19/07	
05/20/07	
05/21/07	
05/22/07	0.0000
05/23/07	
05/24/07	
05/25/07	
05/26/07	
05/27/07	
05/28/07	0.0000
05/29/07	
05/30/07	
05/31/07	

Average	0.0000
Maximum	0.0000
Minimum	0.0000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Bezdine and Organo-Tin

Date	Effluent						
	Effluent Benzidine (ug/L)	3,3 Di chloro benzidine (ug/L)	Effluent Tributyl Tin (ug/L)	Effluent Tributyl Tin (lbs/day)	Effluent Dibutyl Tin (ug/L)	Effluent Monobutyl Tin (ug/L)	Effluent Kepone (ug/L)
Limits	7	.82	.14	.029			
05/01/07							
05/02/07	0.0	0.0	0.00	0.00	0.00	0.00	0.00
05/03/07							
05/04/07							
05/05/07							
05/06/07							
05/07/07							
05/08/07							
05/09/07							
05/10/07						0.00	
05/11/07							
05/12/07							
05/13/07							
05/14/07							
05/15/07							
05/16/07							
05/17/07							
05/18/07						0.00	
05/19/07							
05/20/07							
05/21/07							
05/22/07						0.00	
05/23/07							
05/24/07							
05/25/07							
05/26/07							
05/27/07							
05/28/07						0.00	
05/29/07							
05/30/07							
05/31/07							
Average	0.0	0.0	0.00	0.00	0.00	0.00	0.00
Maximum	0.0	0.0	0.00	0.00	0.00	0.00	0.00
Minimum	0.0	0.0	0.00	0.00	0.00	0.00	0.00

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent bis(2-chloro ethyl)ether (ug/L)	Effluent meta dichloro benzene (g/L)	Effluent orthodi chloro benzene (g/L)	Effluent paradi chloro benzene (mg/L)	Effluent Total Dichloro benzene (g/L)	Effluent Total Dichloro benzene (lbs/day)	Effluent bis (2-chloro isopropyl) ether (ug/L)	Effluent N-nitrosodi propylamine (ug/L)
Limits	4.5			1.8	0.52	110,000	120	
05/01/07								
05/02/07	0.00	0.000000	0.000001	0.000000	0.000001	0.214588	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.00	0.000000	0.000001	0.000000	0.000001	0.214588	0.000	0.000
Maximum	0.00	0.000000	0.000001	0.000000	0.000001	0.214588	0.000	0.000
Minimum	0.00	0.000000	0.000001	0.000000	0.000001	0.214588	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent Nitro Benzene (mg/L)	Effluent Hexachloro Ethane (ug/L)	Effluent iso phorone (g/L)	Effluent bis (2-chlor oethoxy) methane (mg/L)	Effluent 1,2,4 Tri chloro benzene (ug/L)	Effluent Naph thalene (ug/L)	Effluent Hexachloro butadiene (mg/L)	Effluent Hexachloro cyclopenta diene (mg/L)
Limits	0.49	250	15	.44			1.4	5.9
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent ace-naphthalene (mg/L)	Effluent Dimethyl phthalate (g/L)	Effluent 2,6 Dinitro toluene (ug/L)	Effluent ace-naphthene (ug/L)	Effluent 2,4- dinitro toluene (ug/L)	Effluent Fluorene (ug/L)	Effluent 4-chloro phenyl ether (ug/L)	Effluent diethyl phthalate (g/L)	Effluent N-nitro diphenyl amine (ug/L)
Limits		83			260			3.3	250
05/01/07									
05/02/07	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0
05/03/07									
05/04/07									
05/05/07									
05/06/07									
05/07/07									
05/08/07									
05/09/07									
05/10/07									
05/11/07									
05/12/07									
05/13/07									
05/14/07									
05/15/07									
05/16/07									
05/17/07									
05/18/07									
05/19/07									
05/20/07									
05/21/07									
05/22/07									
05/23/07									
05/24/07									
05/25/07									
05/26/07									
05/27/07									
05/28/07									
05/29/07									
05/30/07									
05/31/07									
Average	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0
Maximum	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0
Minimum	0.000	0.000000	0.000	0.000	0.000	0.000	0.000	0.000000	0.0

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent 4-bromo phenyl ether (ug/L)	Effluent Hexachlor obenzene (ng/L)	Effluent Phenan- threne (ug/L)	Effluent Anthracene pah (ug/L)	Effluent Di-n-butyl phthalate (ug/L)	Effluent N-Nitroso dimethyl amine (ug/L)	Effluent Fluoran- thene (ug/L)	Effluent Pyrene PAH (ug/L)
Limits								
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

	Effluent Butyl Benzyl Phthalate (ug/L)	Effluent Chrysene	Effluent Benzo(A) anthracene	Effluent bis (2-ethyl hexyl)	Effluent Di-n-octyl phthalate	Effluent Flouran thene	Effluent Benzo(B) Flouran thene	Effluent Benzo(A) Pyrene
Date	Limits			Phthalate (ug/L)	350			
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
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05/16/07								
05/17/07								
05/18/07								
05/19/07								
05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

	Effluent Indeno (1,2,3 CD) Pyrene Limits	Effluent dibenzo (AH) anthracene (ug/L)	Effluent Benzo (GHI) Perylene (ug/L)	Effluent 1,2- Diphenyl hydrazine (ug/L)	Effluent Total PAHS (ug/L)	Effluent Total PAHs (lbs/day)	Effluent Chloro phenol (mg/L)	Effluent 2,4 Dichloro phenol (mg/L)
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07						0.000	0.000	
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07						0.000	0.000	
05/19/07								
05/20/07								
05/21/07								
05/22/07						0.000	0.000	
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07						0.000	0.000	
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent 4-chloro -3- methyl phenol (mg/L)	Effluent 2,4,6 Tri chloro phenol (ug/L)	Effluent Penta chloro phenol (mg/L)	Effluent Total chlorinated phenols (mg/L)	Effluent Total chlorinated phenols (lbs/day)	Effluent Phenol (ug/L)	Effluent 2-nitro phenol (ug/L)	Effluent 2,4 dinitro phenol (ug/L)
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000	3.200	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07	0.000	0.000	0.000	0.000	0.000	1.200	0.000	0.000
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
05/16/07								
05/17/07								
05/18/07	0.000	0.000	0.000	0.000	0.000	4.600	0.000	0.000
05/19/07								
05/20/07								
05/21/07								
05/22/07	0.000	0.000	0.000	0.000	0.000	3.000	0.000	0.000
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07	0.000	0.000	0.000	0.000	0.000	1.400	0.000	0.000
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000	2.680	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	4.600	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	1.200	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent Base/Neutral Compounds (EPA 625)

Date	Effluent 4-nitro phenol	Effluent 2-methyl phenol	Effluent Total -4,6-dintro phenol	Effluent Total non-chlor phenols
	(ug/L)	(ug/L)	(mg/L)	(lbs/day)
05/01/07				
05/02/07	0.000	0.000	0.004	0.901
05/03/07				
05/04/07				
05/05/07				
05/06/07				
05/07/07				
05/08/07				
05/09/07				
05/10/07	0.000	0.000	0.003	0.474
05/11/07				
05/12/07				
05/13/07				
05/14/07				
05/15/07				
05/16/07				
05/17/07				
05/18/07	0.000	0.000	0.005	0.953
05/19/07				
05/20/07				
05/21/07				
05/22/07	0.000	0.000	0.004	0.880
05/23/07				
05/24/07				
05/25/07				
05/26/07				
05/27/07				
05/28/07	0.000	0.000	0.001	0.305
05/29/07				
05/30/07				
05/31/07				
Average	0.000	0.000	0.003	0.703
Maximum	0.000	0.000	0.005	0.953
Minimum	0.000	0.000	0.001	0.305

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Chloro Methane (mg/L)	Effluent bromo methane (mg/L)	Effluent Vinyl Chloride (ug/L)	Effluent Chloro Ethene (ug/L)	Effluent 1,1 dichloro Ethene (ug/L)	Effluent Trichloro Flouro Methane (ug/L)	Effluent Methlyene chloride (mg/L)	Effluent 1,1 Dichloro ethane (ug/L)
Limits			3.6		72		45	
05/01/07								
05/02/07	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
05/13/07								
05/14/07								
05/15/07								
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05/20/07								
05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Trans- 1,2 Dichlor ethene (ug/L)	Effluent Chloroform (mg/L)	Effluent 1,2 Dichloro ethane (mg/L)	Effluent 1,1,1 Trichloro ethane (g/L)	Effluent Carbon Tetra Chloride (ug/L)	Effluent DCBM (mg/L)	Effluent Trans- 1,3 Dichloro propene (mg/L)
Limits		13	13	54	0.9		.9
05/01/07							
05/02/07	0.000	0.004	0.000	0.000000	0.000	0.000	0.000
05/03/07							
05/04/07							
05/05/07							
05/06/07							
05/07/07							
05/08/07							
05/09/07							
05/10/07							
05/11/07							
05/12/07							
05/13/07							
05/14/07							
05/15/07							
05/16/07							
05/17/07							
05/18/07							
05/19/07							
05/20/07							
05/21/07							
05/22/07							
05/23/07							
05/24/07							
05/25/07							
05/26/07							
05/27/07							
05/28/07							
05/29/07							
05/30/07							
05/31/07							
Average	0.000	0.004	0.000	0.000000	0.000	0.000	0.000
Maximum	0.000	0.004	0.000	0.000000	0.000	0.000	0.000
Minimum	0.000	0.004	0.000	0.000000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Trichloro ethene (mg/L)	Effluent Benzene (mg/L)	Effluent Dibromo chloro methane (ug/L)	Effluent 1,1,2 Trichloro ethane (g/L)	Effluent cis-1,3 Dichloro propene (ug/L)	Effluent Chloro ethyl vinyl ether (ug/L)	Effluent Bromoform (mg/L)	Effluent 1,1,2,2-tetrachlor oethene (mg/L)
Limits	2.7	0.6		4.3				120
05/01/07								
05/02/07	0.000	0.000	0.000	0.000000	0.000	0.000	0.000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
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05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000	0.000	0.000000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

Date	Effluent Tetrachloroethene (mg/L)	Effluent Toluene (g/L)	Effluent Chloro Benzene (mg/L)	Effluent Ethyl benzene (mg/L)	Effluent 2-Butanone (MEK) (mg/L)	Effluent Carbon Disulfide (mg/L)	Effluent Total Halo methanes (ug/L)	Effluent Total Halo methanes (lbs/day)
Limits	1.0	8.6	58	400			13	2,700
05/01/07								
05/02/07	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0000	0.000
05/03/07								
05/04/07								
05/05/07								
05/06/07								
05/07/07								
05/08/07								
05/09/07								
05/10/07								
05/11/07								
05/12/07								
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05/14/07								
05/15/07								
05/16/07								
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05/21/07								
05/22/07								
05/23/07								
05/24/07								
05/25/07								
05/26/07								
05/27/07								
05/28/07								
05/29/07								
05/30/07								
05/31/07								
Average	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0000	0.000
Maximum	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0000	0.000
Minimum	0.000	0.000004	0.0000	0.0000	0.0000	0.0000	0.0000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
Report Frequency: Monthly Sampling Point: Effluent
Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent VOCs (EPA 624)

	Effluent Acrylo nitrile	Effluent Acrolien
Date	(ug/L)	(mg/L)
05/01/07		
05/02/07	0.000	0.000
05/03/07		
05/04/07		
05/05/07		
05/06/07		
05/07/07		
05/08/07		
05/09/07		
05/10/07		
05/11/07		
05/12/07		
05/13/07		
05/14/07		
05/15/07		
05/16/07		
05/17/07		
05/18/07		
05/19/07		
05/20/07		
05/21/07		
05/22/07		
05/23/07		
05/24/07		
05/25/07		
05/26/07		
05/27/07		
05/28/07		
05/29/07		
05/30/07		
05/31/07		
Average	0.000	0.000
Maximum	0.000	0.000
Minimum	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

Date	Effluent 2,3,7,8 tetra CDD (pg/L)	Effluent 1,2,3,7,8 Penta CDD (pg/L)	Effluent 1,2,3,4,7,8 Hexa CDD (pg/L)	Effluent 1,2,3,6,7,8 Hexa CDD (pg/L)	Effluent 1,2,3,7,8,9 Hepta CDD (pg/L)	Effluent 1,2,3,4,6,7,8 Octa CDD (pg/L)	Effluent 2,3,7,8 Tetra CDF (pg/L)
Limits							
05/01/07							
05/02/07	0.000	0.000	0.000	0.000	0.000	0.000	0.000
05/03/07							
05/04/07							
05/05/07							
05/06/07							
05/07/07							
05/08/07							
05/09/07							
05/10/07							
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05/25/07							
05/26/07							
05/27/07							
05/28/07							
05/29/07							
05/30/07							
05/31/07							
Average	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maximum	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Minimum	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for:	May	2007		
Report Frequency:	Monthly		Sampling Point:	Effluent
Samples Collected By:	Veolia Water		Analyzed By:	Sierra Labs

Effluent TCDD Equivalents

	Effluent 2,3,7,8	Effluent Penta	Effluent CDF	Effluent (pg/L)	Effluent 2,3,6,7,8	Effluent Penta	Effluent CDF	Effluent (pg/L)	Effluent 1,2,3,6,7,8	Effluent Hexa	Effluent CDF	Effluent (pg/L)	Effluent 1,2,3,4,6,7,8	Effluent Hepta	Effluent CDF	Effluent (pg/L)
Limits																
05/01/07																
05/02/07	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000	
05/03/07																
05/04/07																
05/05/07																
05/06/07																
05/07/07																
05/08/07																
05/09/07																
05/10/07																
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05/25/07																
05/26/07																
05/27/07																
05/28/07																
05/29/07																
05/30/07																
05/31/07																
Average	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000	
Maximum	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000	
Minimum	0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000	

NPDES NO. CA0108928 ORDER 96-52
MONTHLY EFFLUENT MONITORING REPORT
DISCHARGER: SOUTH BAY INTERNATIONAL WWTP

Report for: May 2007
 Report Frequency: Monthly Sampling Point: Effluent
 Samples Collected By: Veolia Water Analyzed By: Sierra Labs

Effluent TCDD Equivalents

	Effluent Octa CDF (pg/L)	Effluent Total TCDD (pg/L)	Effluent Total TCDD (lbs/Day)
Limits		0.39	0.000000081
05/01/07			
05/02/07	0.000	0.000	0.00000000
05/03/07			
05/04/07			
05/05/07			
05/06/07			
05/07/07			
05/08/07			
05/09/07			
05/10/07			
05/11/07			
05/12/07			
05/13/07			
05/14/07			
05/15/07			
05/16/07			
05/17/07			
05/18/07			
05/19/07			
05/20/07			
05/21/07			
05/22/07			
05/23/07			
05/24/07			
05/25/07			
05/26/07			
05/27/07			
05/28/07			
05/29/07			
05/30/07			
05/31/07			
Average	0.000	0.000	0.00000000
Maximum	0.000	0.000	0.00000000
Minimum	0.000	0.000	0.00000000

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE

Month	Influent FLOW MGD	Influent Antimony mg/L	Influent Antimony lbs/day	Influent Arsenic mg/L	Influent Arsenic lbs/day	Influent Beryllium µg/L	Influent Beryllium lbs/day	Influent Cadmium mg/L	Influent Cadmium lbs/day	Influent Chromium mg/L
Dec 2006	27.25	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Jan 2007	26.99	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.04
Feb 2007	25.61	0.000	0.00	0.000	0.00	0.00	0.14	0.00	0.25	0.07
Mar 2007	26.85	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.01
Apr 2007	26.72	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.09	0.01
May 2007	26.85	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00

Limits

6 Mo Median										
Mo Average				0.024	5.000	0.0025	0.520	0.061	13.000	1.100
Maximum										

Performance

Minimum	25.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	27.25	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.25	0.07
Average	26.71	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.06	0.02
Median	27.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE

Month	Influent Chromium lbs/day	Influent Copper mg/L	Influent Copper lbs/day	Influent Lead mg/L	Influent Lead lbs/day	Influent Mercury µg/L	Influent Mercury lbs/day	Influent Nickel mg/L	Influent Nickel lbs/day	Influent Silver mg/L
Dec 2006	0.81	0.104	22.63	0.006	1.14	0.000	0.00	0.031	6.92	0.000
Jan 2007	9.05	0.092	21.71	0.012	2.79	0.000	0.00	0.064	14.82	0.002
Feb 2007	14.47	0.271	57.16	0.099	20.69	0.000	0.00	0.075	15.41	0.001
Mar 2007	1.66	0.040	9.96	0.000	0.00	0.200	0.05	0.030	7.14	0.000
Apr 2007	2.42	0.129	22.02	0.012	1.81	0.001	0.00	0.030	5.69	0.004
May 2007	0.00	0.028	6.14	0.000	0.00	0.000	0.00	0.013	2.89	0.000

Limits

6 Mo Median		.150	32.000					0.440	93.000	0.052
Mo Average	230.000			0.160	34.000					
Maximum						0.0054	1.100			

Performance

Minimum	0.00	0.03	6.14	0.00	0.00	0.00	0.00	0.01	2.89	0.00
Maximum	14.47	0.27	57.16	0.10	20.69	0.20	0.05	0.08	15.41	0.00
Average	4.74	0.11	23.27	0.02	4.41	0.03	0.01	0.04	8.81	0.00
Median	0.00	0.07	13.27	0.00	0.00	0.00	0.00	0.03	6.73	0.00

NPDES DATA FOR THE SOUTH BAY INTERNATIONAL WWTP

Six Month Median Report

Influent

MONTHLY AVERAGE

Month	Influent Silver lbs/day	Influent Zinc mg/L	Influent Zinc lbs/day	Influent Cyanide mg/L	Influent Cyanide lbs/day	Influent Gamma BHC	Influent Gamma BHC lbs/day	
Dec 2006	0.00	0.208	44.64	0.020	4.40	0.00	0.00	
Jan 2007	0.53	0.214	50.59	0.020	4.69	0.00	0.00	
Feb 2007	0.26	0.781	163.27	0.020	4.15	0.00	0.00	
Mar 2007	0.00	0.107	26.05	0.020	4.78	0.00	0.00	
Apr 2007	0.68	0.296	51.63	0.020	4.12	0.00	0.00	
May 2007	0.00	0.076	16.90	0.020	4.50	0.00	0.00	

Limits

6 Mo Median	11.000			0.075	16.000	0.420	0.088	
Mo Average		1.100	220.000					
Maximum								

Performance

Minimum	0.00	0.08	16.90	0.02	4.12	0.00	0.00	
Maximum	0.68	0.78	163.27	0.02	4.78	0.00	0.00	
Average	0.25	0.28	58.85	0.02	4.44	0.00	0.00	
Median	0.00	0.19	44.26	0.02	4.54	0.00	0.00	

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Effluent FLOW MGD	Effluent 7 D AVG FLOW MDG	Effluent 30 D AVG FLOW MGD	Effluent Arsenic mg/L	Effluent Arsenic lbs/day	Effluent Cadmium mg/L	Effluent Cadmium lbs/day	Effluent Chromium (total) mg/L	
Dec 2006	24.99	25	24	0.000	0.00	0.00	0.00	0.000	
Jan 2007	24.68	25	25	0.000	0.00	0.00	0.00	0.008	
Feb 2007	23.36	24	24	0.000	0.00	0.00	0.00	0.000	
Mar 2007	24.28	24	24	0.000	0.00	0.00	0.00	0.000	
Apr 2007	24.23	24	24	0.000	0.00	0.00	0.00	0.000	
May 2007	24.73	25	24	0.000	0.00	0.00	0.00	0.000	
Limits									
6 Mo Median				0.510	110.000	0.100	21.000	0.200	
Daily Max				2.900	600.000	0.400	83.000	0.810	
Instantaneous				7.800	1600.000	1.000	210.000	2.000	
Performance									
Minimum	23.36	23.64	23.81	0.00	0.00	0.00	0.00	0.00	
Maximum	24.99	24.79	25.05	0.00	0.00	0.00	0.00	0.01	
Average	24.38	24.50	24.17	0.00	0.00	0.00	0.00	0.00	
Median	24.59	24.43	24.29	0.00	0.00	0.00	0.00	0.00	

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

	Effluent Chromium	Effluent Copper	Effluent Copper	Effluent Lead	Effluent Lead	Effluent Mercury	Effluent Mercury	Effluent Nickel
Month	Ibs/day	mg/L	Ibs/day	mg/L	Ibs/day	ug/L	Ibs/day	mg/L
Dec 2006	0.00	0.038	8.26	0.000	0.00	0.000	0.00	0.027
Jan 2007	1.80	0.055	12.78	0.002	0.54	0.000	0.00	0.034
Feb 2007	0.00	0.030	6.29	0.000	0.00	0.000	0.00	0.021
Mar 2007	0.00	0.038	9.16	0.000	0.00	0.000	0.00	0.020
Apr 2007	0.00	0.041	8.26	0.000	0.00	0.000	0.00	0.019
May 2007	0.00	0.025	5.65	0.000	0.00	0.000	0.00	0.010

Limits

6 Mo Median	42.000	0.100	21.000	0.200	42.000	4.000	0.830	0.510
Daily Max	170.000	1.000	210.000	0.810	170.000	16.000	3.300	2.000
Instantaneous	420.000	2.800	580.000	2.000	420.000	40.000	8.300	5.100

Performance

Minimum	0.00	0.03	5.65	0.00	0.00	0.00	0.00	0.01
Maximum	1.80	0.05	12.78	0.00	0.54	0.00	0.00	0.03
Average	0.30	0.04	8.40	0.00	0.09	0.00	0.00	0.02
Median	0.00	0.04	7.37	0.00	0.00	0.00	0.00	0.03

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

	Effluent Nickel	Effluent Selenium	Effluent Selenium	Effluent Silver	Effluent Silver	Effluent Zinc	Effluent Zinc	Effluent Cyanide
Month	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L
Dec 2006	5.93	0.000	0.00	0.000	0.00	0.122	26.89	0.0
Jan 2007	7.85	0.000	0.00	0.000	0.00	0.114	26.59	0.0
Feb 2007	4.25	0.000	0.00	0.000	0.00	0.069	14.62	0.0
Mar 2007	4.79	0.000	0.00	0.000	0.00	0.084	20.30	0.0
Apr 2007	3.95	0.000	0.00	0.000	0.00	0.094	18.99	0.0
May 2007	2.32	0.000	0.00	0.000	0.00	0.046	10.35	0.0

Limits

6 Mo Median	100.000	1.500	310.000	0.060	11.000	1.200	250.000	0.100
Daily Max	420.000	6.100	1300.000	0.300	56.000	7.300	1500.000	0.400
Instantaneous	1000.000	15.000	3100.000	0.700	140.000	19.000	4000.000	1.000

Performance

Minimum	2.32	0.00	0.00	0.00	0.00	0.05	10.35	0.02
Maximum	7.85	0.00	0.00	0.00	0.00	0.12	26.89	0.02
Average	4.85	0.00	0.00	0.00	0.00	0.09	19.62	0.00
Median	6.20	0.12	25.73	0.00	0.00	0.12	25.73	0.02

NDPES Data for the South Bay International WWTP

Six Month Median Report

Effluent

MONTHLY AVERAGE

Month	Effluent Cyanide lbs/day	Effluent Total Chlorine mg/L	Effluent Total Chlorine lbs/day	Effluent Ammonia mg/L	Effluent Ammonia lbs/day	Effluent Alpha BHC ug/L	Effluent Alpha BHC lbs/day
Dec 2006	4.40	0.10	22.72	53.5	11,748.3	0.00	0.00
Jan 2007	4.83	0.10	22.51	53.6	12,548.4	0.00	0.00
Feb 2007	4.15	0.10	21.36	54.2	11,261.5	0.00	0.00
Mar 2007	4.78	0.10	22.39	51.5	12,350.8	0.00	0.00
Apr 2007	4.12	0.10	22.28	52.3	10,872.3	0.00	0.00
May 2007	4.50	0.10	22.39	50.9	11,445.3	0.00	0.00

Limits

6 Mo Median	21.000	0.200	42.000	61.000	13000.000		
Daily Max	83.000	0.810	170.000	240.000	50000.000		
Instantaneous	210.000	6.100	1300.000	610.000	130000.000		

Performance

Minimum	4.12	0.10	21.36	50.92	10,872.35	0.00	0.00
Maximum	4.83	0.10	22.72	54.23	12,548.38	0.00	0.00
Average	4.46	0.10	22.28	52.67	11,704.43	0.00	0.00
Median	4.54	0.10	22.61	54.50	11748.31	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

Month	Effluent Beta BHC ug/L	Effluent Beta BHC lbs/day	Effluent Gamma BHC ug/L	Effluent Gamma BHC lbs/day	Effluent Delta BHC ug/L	Effluent Delta BHC lbs/day	Effluent Total HCH ug/L
Dec 2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jan 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mar 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apr 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May 2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Limits

6 Mo Median							0.400
Daily Max							0.810
Instantaneous							1.200

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report

Effluent

MONTHLY AVERAGE

Month	Effluent Total HCH lbs/d	Effluent Alpha Endosulfan ug/L	Effluent Alpha Endosulfan lbs/day	Effluent Beta Endosulfan ug/L	Effluent Beta Endosulfan lbs/day	Effluent Endosulfan Sulfate ug/L	Effluent Endosulfan Sulfate lbs/day	Effluent Total Endosulfan ug/L
Dec 2006	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jan 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feb 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mar 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apr 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May 2007	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Limits

6 Mo Median	0.083							0.910
Daily Max	0.170							1.800
Instantaneous	0.250							2.700

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

Month	Effluent Total Endosulfan lbs/d	Effluent Endrin ug/L	Effluent Endrin lbs/day	Effluent 2-Chloro Phenol mg/L	Effluent 2-Chloro Phenol lbs/day	Effluent 2,4Dichloro Phenol mg/L	Effluent 2,4Dichloro Phenol lbs/day	Effluent 4-Chlor-3 Methylphenol mg/L
Dec 2006	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000
Jan 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000
Feb 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000
Mar 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000
Apr 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000
May 2007	0.00	0.0	0.0	0.000	0.000	0.000	0.000	0.000

Limits

6 Mo Median	0.190	0.200	0.042					
Daily Max	0.380	0.400	0.083					
Instantaneous	0.560	0.610	0.130					

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report

Effluent

MONTHLY AVERAGE

Month	4-Chlor-3 Methyl Phenol lbs/day	2,4,6 Tri- chloro phenol ug/L	2,4,6 Tri- chloro phenol lbs/day	Penta Chloro Phenol mg/L	Penta Chloro Phenol lbs/day	Total Chlorinated Phenols mg/L	Total Chlorinated Phenols lbs/d	Phenol ug/L
Dec 2006	0.0	0.0	0.0	0.000	0.000	0.000	0.00	1.6
Jan 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	9.0
Feb 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	2.5
Mar 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	6.0
Apr 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	7.1
May 2007	0.0	0.0	0.0	0.000	0.000	0.000	0.00	2.7

Limits

6 Mo Median						0.100	21.000	
Daily Max						0.400	83.000	
Instantaneous		29.000	6.000			1.000	210.000	

Performance

Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.02
Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.82
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE									
Month	Phenol	2-Nitro Phenol	2-Nitro Phenol	2,4 Dimethyl Phenol	2,4 Dimethyl Phenol	2,4 Dinitro Phenol	2,4 Dinitro Phenol	4-Nitro Phenol	
	Ibs/day	ug/L	Ibs/day	ug/L	Ibs/day	ug/L	Ibs/day		ug/L
Dec 2006	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jan 2007	1.9	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0
Feb 2007	0.5	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0
Mar 2007	1.4	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0
Apr 2007	1.2	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0
May 2007	0.6	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0
Limits									
6 Mo Median									
Daily Max									
Instantaneous						0.400	83.000		
Performance									
Minimum	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum	1.94	0.00	0.00	0.93	0.17	0.00	0.00	0.00	0.00
Average	0.98	0.00	0.00	0.55	0.12	0.00	0.00	0.00	0.00
Median	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NDPES Data for the South Bay International WWTP

Six Month Median Report Effluent

MONTHLY AVERAGE

Month	4-Nitro Phenol lbs/day	2-Methyl 4,6 dinitro phenol mg/L	2-Methyl 4,6 dinitro phenol lbs/day	Total Non-Chlorinated Phenols mg/L	Total Non-Chlorinated Phenols lbs
Dec 2006	0.0	0.000	0.000	0.002	0.31
Jan 2007	0.0	0.000	0.000	0.010	2.10
Feb 2007	0.0	0.000	0.000	0.003	0.56
Mar 2007	0.0	0.000	0.000	0.007	1.50
Apr 2007	0.0	0.000	0.000	0.008	1.42
May 2007	0.0	0.000	0.000	0.003	0.70

Limits

6 Mo Median				3.000	630.000
Daily Max				12.000	2500.000
Instantaneous		22.000	4600.000	30.000	6300.000

Performance

Minimum	0.00	0.00	0.00	0.00	0.31
Maximum	0.00	0.00	0.00	0.01	2.10
Average	0.00	0.00	0.00	0.01	1.10
Median	0.00	0.00	0.00	0.002	0.32

Monthly Receiving Waters Monitoring Report

for the

South Bay Ocean Outfall

(International Wastewater Treatment Plant)

NPDES Permit No. CA0108928

May 2007

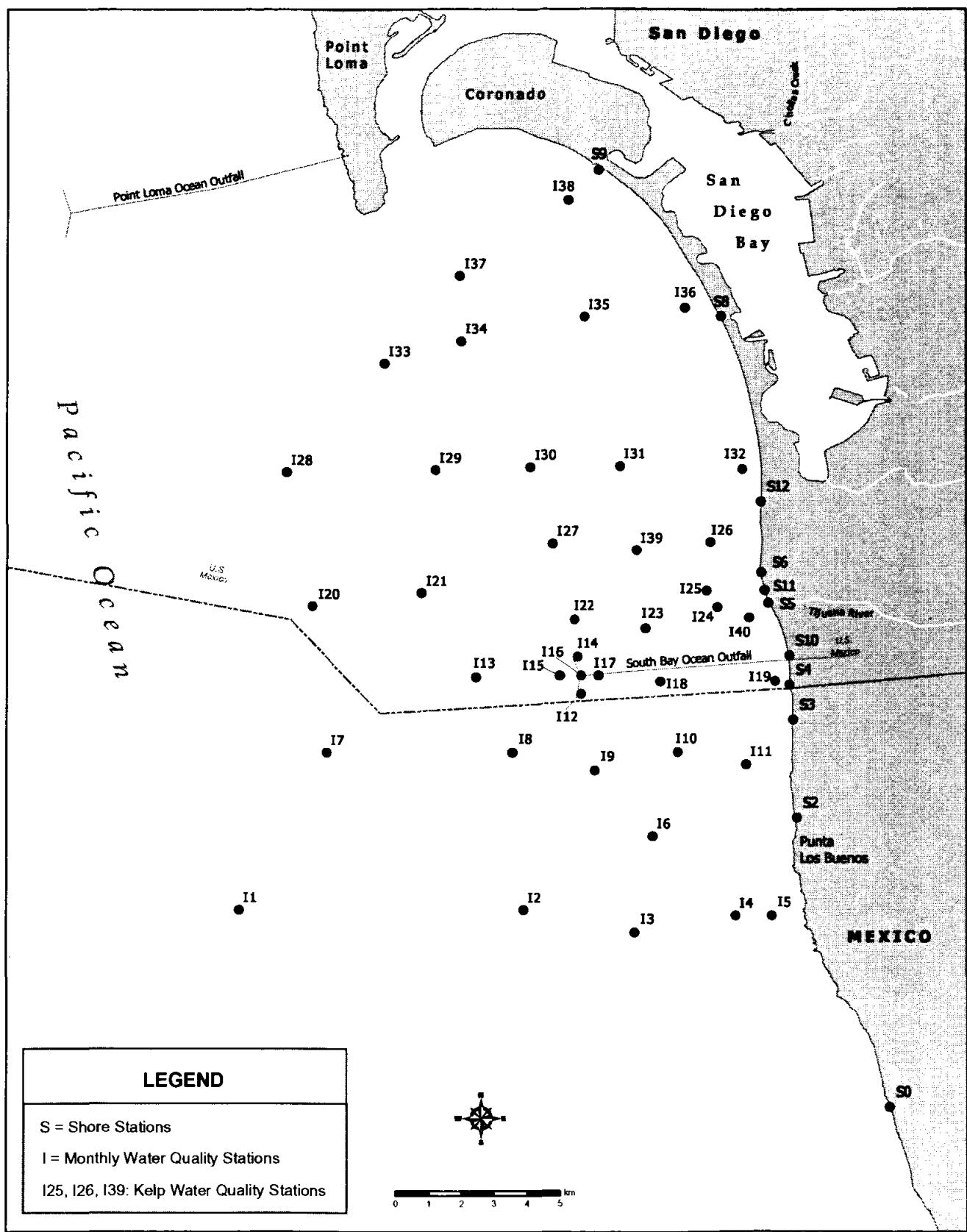
Prepared by:

City of San Diego

Metropolitan Wastewater Department

Environmental Monitoring and Technical Services Division

Ocean Monitoring Program



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***SHORE
WATER QUALITY STATIONS***



Exceedance of 30-Day Total Coliform Standard (% by station)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 MAY 2007	40	33	0	0	20	0	33	20	0	0	0
02 MAY 2007	40	33	0	0	20	0	33	20	0	0	0
03 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
04 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
05 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
06 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
07 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
08 MAY 2007	40	33	0	0	20	0	33	20	0	0	0
09 MAY 2007	40	33	0	0	20	0	33	20	0	0	0
10 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
11 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
12 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
13 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
14 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
15 MAY 2007	60	33	0	0	20	0	33	20	0	0	0
16 MAY 2007	60	33	0	0	20	0	33	20	0	0	0
17 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
18 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
19 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
20 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
21 MAY 2007	50	40	0	0	25	0	40	25	0	0	0
22 MAY 2007	40	33	0	0	20	0	33	20	0	0	0
23 MAY 2007	40	33	0	0	20	0	33	20	0	0	0
24 MAY 2007	25	20	0	0	25	0	20	0	0	0	0
25 MAY 2007	25	0	0	0	25	0	0	0	0	0	0
26 MAY 2007	25	0	0	0	25	0	0	0	0	0	0
27 MAY 2007	25	0	0	0	25	0	0	0	0	0	0
28 MAY 2007	25	0	0	0	25	0	0	0	0	0	0
29 MAY 2007	20	0	0	0	20	0	0	0	0	0	0
30 MAY 2007	20	0	0	0	20	0	0	0	0	0	0
31 MAY 2007	25	0	0	0	0	0	0	0	0	0	0



Exceedance of 10,000 CFU/100 mL Total Coliform Standard (No. of samples)



Exceedance of 60-Day Fecal Coliform Standard (% by station)

Station Sample Date	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
01 MAY 2007	11	42	0	0	0	0	9	18	0	0	0
02 MAY 2007	11	42	0	0	0	0	9	18	0	0	0
03 MAY 2007	11	42	0	0	0	0	9	18	0	0	0
04 MAY 2007	11	42	0	0	0	0	9	18	0	0	0
05 MAY 2007	13	36	0	0	0	0	10	10	0	0	0
06 MAY 2007	13	40	0	0	0	0	11	11	0	0	0
07 MAY 2007	13	40	0	0	0	0	11	11	0	0	0
08 MAY 2007	11	36	0	0	0	0	10	10	0	0	0
09 MAY 2007	11	36	0	0	0	0	10	10	0	0	0
10 MAY 2007	11	36	0	0	0	0	10	10	0	0	0
11 MAY 2007	11	36	0	0	0	0	10	10	0	0	0
12 MAY 2007	13	40	0	0	0	0	11	11	0	0	0
13 MAY 2007	13	40	0	0	0	0	11	11	0	0	0
14 MAY 2007	13	40	0	0	0	0	11	11	0	0	0
15 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
16 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
17 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
18 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
19 MAY 2007	25	40	0	0	0	0	11	11	0	0	0
20 MAY 2007	25	40	0	0	0	0	11	11	0	0	0
21 MAY 2007	25	40	0	0	0	0	11	11	0	0	0
22 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
23 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
24 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
25 MAY 2007	22	36	0	0	0	0	10	10	0	0	0
26 MAY 2007	13	30	0	0	0	0	11	0	0	0	0
27 MAY 2007	13	22	0	0	0	0	11	0	0	0	0
28 MAY 2007	13	22	0	0	0	0	11	0	0	0	0
29 MAY 2007	11	20	0	0	0	0	10	0	0	0	0
30 MAY 2007	11	20	0	0	0	0	10	0	0	0	0
31 MAY 2007	11	20	0	0	0	0	10	0	0	0	0



Exceedance of 30-Day Fecal Coliform Geometric Mean Standard (CFU/100mL)

Station	S0	S10	S11	S12	S2	S3	S4	S5	S6	S8	S9
Sample Date											
01 MAY 2007	12	32	3	4	7	5	17	7	4	2	2
02 MAY 2007	12	32	3	4	7	5	17	7	4	2	2
03 MAY 2007		48					23				
04 MAY 2007		48					23				
05 MAY 2007		48					23				
06 MAY 2007		48					23				
07 MAY 2007		48					23				
08 MAY 2007	12	28	3	5	7	5	15	8	2	2	2
09 MAY 2007	12	28	3	5	7	5	15	8	2	2	2
10 MAY 2007		48					17				
11 MAY 2007		48					17				
12 MAY 2007		48					17				
13 MAY 2007		48					17				
14 MAY 2007		48					17				
15 MAY 2007	35	41	3	6	7	5	12	6	2	2	2
16 MAY 2007	35	41	3	6	7	5	12	6	2	2	2
17 MAY 2007		76					15				
18 MAY 2007		76					15				
19 MAY 2007		76					15				
20 MAY 2007		76					15				
21 MAY 2007		76					15				
22 MAY 2007	15	62	6	7	12	8	17	14	4	2	2
23 MAY 2007	15	62	6	7	12	8	17	14	4	2	2
24 MAY 2007		31					8				
25 MAY 2007											
26 MAY 2007											
27 MAY 2007											
28 MAY 2007											
29 MAY 2007	12	6	6	7	12	5	3	11	4	3	2
30 MAY 2007	12	6	6	7	12	5	3	11	4	3	2
31 MAY 2007											

California State Ocean Plan compliance for geometric means is based on a minimum of 5 samples for any 30-day period. Missing geometric mean values did not meet this minimum.



Shore Station Water Quality Report

Sample Date: 01-MAY-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1100	58	2e	8e
S10	0933	30e	6e	2e
S11	0751	16e	8e	<2
S12	0842	20e	12e	4e
S2	1025	3200e	280e	<2
S3	1005	20e	2e	14e
S4	0914	28e	<2	<2
S5	0804	<20	8e	12e
S6	0740	20e	6e	<2
S8	1058	<2	<2	<2
S9	1114	8e	<2	6e

Sample Date: 08-MAY-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1040	4e	<2	2e
S10	1145	20e	<2	4e
S11	1015	<20	<2	<2
S12	0925	<20	8e	<2
S2	1003	<2	<2	<2
S3	0943	<2	<2	<2
S4	1200	4e	<2	<2
S5	1025	<20	4e	4e
S6	1000	<2	<2	<2
S8	0910	<20	<2	<2
S9	0845	<20	<2	2e

Sample Date: 15-MAY-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1108	5000	460	16e
S10	0901	<20	<20	4e
S11	1009	<20	4e	4e
S12	1102	200e	<20	2e
S2	1020	<20	10e	2e
S3	1000	40e	<20	8e
S4	0844	<20	<2	2e
S5	1022	<20	2e	<2
S6	0956	<20	2e	8e
S8	1120	<20	<2	2e
S9	1143	<20	<2	2e



Shore Station Water Quality Report

Sample Date: 22-MAY-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1102	<20	<2	<2
S10	0912	200e	22e	2e
S11	0811	280e	60e	2e
S12	0724	100e	6e	2e
S2	1027	300e	18e	6e
S3	1012	200e	26e	4e
S4	0924	180e	28e	4e
S5	0800	<200	160e	40
S6	0822	180e	22e	8e
S8	0707	<20	2e	<2
S9	0649	<20	<2	2e

Sample Date: 29-MAY-07

Station	Time	TOTAL	FECAL	ENTERO
		CFU/100 mL	CFU/100 mL	CFU/100 mL
S0	1050	600	60e	6e
S10	0933	2e	<2	2e
S11	1041	2e	<2	<2
S12	1130	8e	<2	<2
S2	1020	10e	<2	<2
S3	0950	2e	<2	18e
S4	0915	2e	2e	6e
S5	1055	12e	16e	<2
S6	1026	<20	<2	4e
S8	1145	8e	10e	180e
S9	1208	<200	4e	4e



Visual Observations

Sample Date: 01-MAY-07

Station: S0

Parameter	Value
Arrive Time	1100
Weather	Light rain; Cloudy
Wind Speed Kts	5.6
Wind Dir.	W
Comments	3 Surfers; Kelp
Animal Life	None
Floatables	None
Water Color	Gray-Brown
Wave Ht Low ft	3
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S2

Parameter	Value
Arrive Time	1025
Weather	Marine layer
Wind Speed Kts	5.4
Wind Dir.	W
Comments	Kelp; Seagrass
Animal Life	10 Shorebirds
Floatables	None
Water Color	Gray-Brown
Wave Ht Low ft	2
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S3

Parameter	Value
Arrive Time	1005
Weather	Cloudy; Overcast
Wind Speed Kts	1.0
Wind Dir.	W
Comments	Kelp; Seagrass; 5 People
Animal Life	None
Floatables	None
Water Color	Gray-Brown
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332



Visual Observations

Sample Date: 01-MAY-07

Station: S4

Parameter	Value
Arrive Time	0914
Weather	Light rain
Wind Speed Kts	1.5
Wind Dir.	SW
Comments	Kelp; Water cloudy
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S5

Parameter	Value
Arrive Time	0804
Weather	Cloudy
Wind Speed Kts	3.6
Wind Dir.	SW
Comments	Water cloudy; Foam
Animal Life	None
Floatables	Condoms
Water Color	Green
Wave Ht Low ft	2
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S6

Parameter	Value
Arrive Time	0740
Weather	Cloudy
Wind Speed Kts	3.6
Wind Dir.	SW
Comments	Water cloudy; Foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332



Visual Observations

Sample Date: 01-MAY-07

Station: S8

Parameter	Value
Arrive Time	1058
Weather	Cloudy
Wind Speed Kts	3.3
Wind Dir.	W
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Red Brown
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S9

Parameter	Value
Arrive Time	1114
Weather	Cloudy
Wind Speed Kts	4.2
Wind Dir.	W
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S10

Parameter	Value
Arrive Time	0933
Weather	Light rain
Wind Speed Kts	2.7
Wind Dir.	SW
Comments	Water cloudy; Foam; Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332



Visual Observations

Sample Date: 01-MAY-07

Station: S11

Parameter	Value
Arrive Time	0751
Weather	Cloudy
Wind Speed Kts	3.6
Wind Dir.	SW
Comments	Water cloudy; Foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332

Station: S12

Parameter	Value
Arrive Time	0842
Weather	Cloudy
Wind Speed Kts	3.6
Wind Dir.	SW
Comments	Water cloudy; Odor of sewage
Animal Life	None
Floatables	None
Water Color	Brown
Wave Ht Low ft	1
High Tide ft	3.8
High Tide Time	0933
Low Tide ft	-0.2
Low Tide Time	0332



Visual Observations

Sample Date: 08-MAY-07	
Station: S0	
Parameter	Value
Arrive Time	1040
Weather	Sunny
Wind Speed Kts	1.3
Wind Dir.	SW
Comments	5 People; Kelp; Seagrass
Animal Life	1 Dog; 5 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	5
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Station: S2	
Parameter	Value
Arrive Time	1003
Weather	Sunny
Wind Speed Kts	1.7
Wind Dir.	SW
Comments	3 People; Kelp; Seagrass
Animal Life	>20 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Station: S3	
Parameter	Value
Arrive Time	0943
Weather	Sunny
Wind Speed Kts	2.9
Wind Dir.	SW
Comments	>20 People; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851



Visual Observations

Sample Date: 08-MAY-07

Station: S4

Parameter	Value
Arrive Time	1200
Weather	Sunny
Wind Speed Kts	2.3
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	2 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851

Station: S5

Parameter	Value
Arrive Time	1025
Weather	Sunny
Wind Speed Kts	1.7
Wind Dir.	SW
Comments	5 People; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851

Station: S6

Parameter	Value
Arrive Time	1000
Weather	Sunny
Wind Speed Kts	3.4
Wind Dir.	SW
Comments	3 People; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851



Visual Observations

Sample Date: 08-MAY-07

Station: S8

Parameter	Value
Arrive Time	0910
Weather	Sunny
Wind Speed Kts	1.1
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851

Station: S9

Parameter	Value
Arrive Time	0845
Weather	Sunny
Wind Speed Kts	1.7
Wind Dir.	SW
Comments	7 People; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851

Station: S10

Parameter	Value
Arrive Time	1145
Weather	Sunny
Wind Speed Kts	1.7
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851



Visual Observations

Sample Date: 08-MAY-07

Station: S11

Parameter	Value
Arrive Time	1015
Weather	Sunny
Wind Speed Kts	0.7
Wind Dir.	SW
Comments	2 People; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851

Station: S12

Parameter	Value
Arrive Time	0925
Weather	Sunny
Wind Speed Kts	0.5
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	3 Dogs
Floatables	None
Water Color	Blue
Wave Ht Low ft	1
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851



Visual Observations

Sample Date: 15-MAY-07	
Station: S0	
Parameter	Value
Arrive Time	1108
Weather	Overcast
Wind Speed Kts	2.8
Wind Dir.	NW
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253
Station: S2	
Parameter	Value
Arrive Time	1020
Weather	Overcast
Wind Speed Kts	2.9
Wind Dir.	NW
Comments	Kelp; Foam
Animal Life	1 Shorebird
Floatables	None
Water Color	Brownish-Green
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253
Station: S3	
Parameter	Value
Arrive Time	1000
Weather	Overcast
Wind Speed Kts	1.7
Wind Dir.	NW
Comments	Kelp; Foam
Animal Life	None
Floatables	None
Water Color	Brown
Wave Ht Low ft	3
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253



Visual Observations

Sample Date: 15-MAY-07

Station: S4

Parameter	Value
Arrive Time	0844
Weather	Cloudy
Wind Speed Kts	1.5
Wind Dir.	W
Comments	Water cloudy; Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253

Station: S5

Parameter	Value
Arrive Time	1022
Weather	Cloudy
Wind Speed Kts	1.5
Wind Dir.	W
Comments	Water cloudy; Kelp; Seagrass
Animal Life	Flock of pelicans and seagulls
Floatables	None
Water Color	Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253

Station: S6

Parameter	Value
Arrive Time	0956
Weather	Cloudy
Wind Speed Kts	2.9
Wind Dir.	W
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Red Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253



Visual Observations

Sample Date: 15-MAY-07

Station: S8

Parameter	Value
Arrive Time	1120
Weather	Cloudy
Wind Speed Kts	3.8
Wind Dir.	W
Comments	Water cloudy; Kelp
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253

Station: S9

Parameter	Value
Arrive Time	1143
Weather	Cloudy
Wind Speed Kts	4.0
Wind Dir.	W
Comments	Water cloudy; Kelp
Animal Life	None
Floatables	None
Water Color	Red Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253

Station: S10

Parameter	Value
Arrive Time	0901
Weather	Cloudy
Wind Speed Kts	1.5
Wind Dir.	W
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253



Visual Observations

Sample Date: 15-MAY-07

Station: S11

Parameter	Value
Arrive Time	1009
Weather	Cloudy
Wind Speed Kts	2.9
Wind Dir.	W
Comments	1 Fisherman
Animal Life	None
Floatables	None
Water Color	Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253

Station: S12

Parameter	Value
Arrive Time	1102
Weather	Cloudy
Wind Speed Kts	3.0
Wind Dir.	W
Comments	Kelp
Animal Life	None
Floatables	None
Water Color	Red Brown
Wave Ht Low ft	2
High Tide ft	4.0
High Tide Time	0859
Low Tide ft	-1.0
Low Tide Time	0253



Visual Observations

Sample Date: 22-MAY-07

Station: S0

Parameter	Value
Arrive Time	1102
Weather	Cloudy
Wind Speed Kts	4.6
Wind Dir.	S
Comments	Cloudy water; Golden foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S2

Parameter	Value
Arrive Time	1027
Weather	Cloudy
Wind Speed Kts	6.0
Wind Dir.	S
Comments	Cloudy water; Golden foam
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S3

Parameter	Value
Arrive Time	1012
Weather	Cloudy
Wind Speed Kts	7.0
Wind Dir.	S
Comments	Cloudy water
Animal Life	None
Floatables	None
Water Color	Green
Wave Ht Low ft	1
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910



Visual Observations

Sample Date: 22-MAY-07

Station: S4

Parameter	Value
Arrive Time	0924
Weather	Cloudy
Wind Speed Kts	7.1
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	3 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S5

Parameter	Value
Arrive Time	0800
Weather	Cloudy
Wind Speed Kts	4.7
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	>20 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S6

Parameter	Value
Arrive Time	0822
Weather	Cloudy
Wind Speed Kts	3.3
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910



Visual Observations

Sample Date: 22-MAY-07

Station: S8

Parameter	Value
Arrive Time	0707
Weather	Cloudy
Wind Speed Kts	3.8
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	10 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S9

Parameter	Value
Arrive Time	0649
Weather	Cloudy
Wind Speed Kts	3.6
Wind Dir.	SW
Comments	Kelp; Seagrass; 8 People
Animal Life	8 Shorebirds
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S10

Parameter	Value
Arrive Time	0912
Weather	Cloudy
Wind Speed Kts	7.3
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910



Visual Observations

Sample Date: 22-MAY-07

Station: S11

Parameter	Value
Arrive Time	0811
Weather	Cloudy
Wind Speed Kts	3.1
Wind Dir.	SW
Comments	Kelp; Seagrass
Animal Life	None
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910

Station: S12

Parameter	Value
Arrive Time	0724
Weather	Cloudy
Wind Speed Kts	2.8
Wind Dir.	SW
Comments	Kelp; Seagrass; 2 People
Animal Life	3 Shorebirds; 2 Dogs
Floatables	None
Water Color	Blue
Wave Ht Low ft	3
High Tide ft	4.6
High Tide Time	0125
Low Tide ft	0.0
Low Tide Time	0910



Visual Observations

Sample Date: 29-MAY-07

Station: S0

Parameter	Value
Arrive Time	1050
Weather	Overcast
Wind Speed Kts	3.6
Wind Dir.	W
Comments	Kelp; Foam; Water running from pipe; 2 Surfers
Animal Life	None
Floatables	None
Water Color	Aqua-Blue
Wave Ht Low ft	2
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S2

Parameter	Value
Arrive Time	1020
Weather	Overcast
Wind Speed Kts	5.6
Wind Dir.	SW
Comments	Kelp; Foam
Animal Life	2 Shorebirds
Floatables	None
Water Color	Aqua-Blue
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S3

Parameter	Value
Arrive Time	0950
Weather	Overcast
Wind Speed Kts	4.6
Wind Dir.	SW
Comments	Kelp
Animal Life	1 Dog
Floatables	None
Water Color	Aqua-Blue
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349



Visual Observations

Sample Date: 29-MAY-07

Station: S4

Parameter	Value
Arrive Time	0915
Weather	Overcast
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S5

Parameter	Value
Arrive Time	1055
Weather	Overcast
Wind Speed Kts	9.1
Wind Dir.	SW
Comments	Water cloudy; 1 Fisherman
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S6

Parameter	Value
Arrive Time	1026
Weather	Overcast
Wind Speed Kts	7.1
Wind Dir.	SW
Comments	Water cloudy; 7 Surfers
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349



Visual Observations

Sample Date: 29-MAY-07

Station: S8

Parameter	Value
Arrive Time	1145
Weather	Partly Cloudy
Wind Speed Kts	7.5
Wind Dir.	SW
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	2
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S9

Parameter	Value
Arrive Time	1208
Weather	Partly Cloudy
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Water cloudy; A lot of kelp
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	1
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S10

Parameter	Value
Arrive Time	0933
Weather	Cloudy
Wind Speed Kts	5.2
Wind Dir.	SW
Comments	Water cloudy
Animal Life	2 Dead seals
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349



Visual Observations

Sample Date: 29-MAY-07

Station: S11

Parameter	Value
Arrive Time	1041
Weather	Overcast
Wind Speed Kts	7.1
Wind Dir.	SW
Comments	Water cloudy
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

Station: S12

Parameter	Value
Arrive Time	1130
Weather	Partly Cloudy
Wind Speed Kts	8.0
Wind Dir.	SW
Comments	Water cloudy; Kelp; 1 Swimmer
Animal Life	None
Floatables	None
Water Color	Aqua-Green
Wave Ht Low ft	3
High Tide ft	3.4
High Tide Time	0853
Low Tide ft	1.8
Low Tide Time	1349

***KELP
WATER QUALITY STATIONS***



Exceedance of 30-Day Total Coliform Standard (% by station)

Station Sample Date	I25	I26	I39
01 MAY 2007	0	0	0
02 MAY 2007	0	0	0
03 MAY 2007	0	0	0
04 MAY 2007	0	0	0
05 MAY 2007	0	0	0
06 MAY 2007	0	0	0
07 MAY 2007	0	0	0
08 MAY 2007	0	0	0
09 MAY 2007	0	0	0
10 MAY 2007	0	0	0
11 MAY 2007	0	0	0
12 MAY 2007	0	0	0
13 MAY 2007	0	0	0
14 MAY 2007	0	0	0
15 MAY 2007	0	0	0
16 MAY 2007	0	0	0
17 MAY 2007	0	0	0
18 MAY 2007	0	0	0
19 MAY 2007	0	0	0
20 MAY 2007	0	0	0
21 MAY 2007	0	0	0
22 MAY 2007	0	0	0
23 MAY 2007	0	0	0
24 MAY 2007	0	0	0
25 MAY 2007	0	0	0
26 MAY 2007	0	0	0
27 MAY 2007	0	0	0
28 MAY 2007	0	0	0
29 MAY 2007	0	0	0
30 MAY 2007	0	0	0
31 MAY 2007	0	0	0



Exceedance of 10,000 CFU/100 mL Total Coliform Standard (No. of samples)

Station Sample Date	I25	I26	I39
01 MAY 2007	0	0	0
02 MAY 2007	0	0	0
03 MAY 2007	0	0	0
04 MAY 2007	0	0	0
05 MAY 2007	0	0	0
06 MAY 2007	0	0	0
07 MAY 2007	0	0	0
08 MAY 2007	0	0	0
09 MAY 2007	0	0	0
10 MAY 2007	0	0	0
11 MAY 2007	0	0	0
12 MAY 2007	0	0	0
13 MAY 2007	0	0	0
14 MAY 2007	0	0	0
15 MAY 2007	0	0	0
16 MAY 2007	0	0	0
17 MAY 2007	0	0	0
18 MAY 2007	0	0	0
19 MAY 2007	0	0	0
20 MAY 2007	0	0	0
21 MAY 2007	0	0	0
22 MAY 2007	0	0	0
23 MAY 2007	0	0	0
24 MAY 2007	0	0	0
25 MAY 2007	0	0	0
26 MAY 2007	0	0	0
27 MAY 2007	0	0	0
28 MAY 2007	0	0	0
29 MAY 2007	0	0	0
30 MAY 2007	0	0	0
31 MAY 2007	0	0	0



Exceedance of 60-Day Fecal Coliform Standard (% by station)

Sample Date	I25	I26	I39
01 MAY 2007	0	0	0
02 MAY 2007	0	0	0
03 MAY 2007	0	0	0
04 MAY 2007	0	0	0
05 MAY 2007	0	0	0
06 MAY 2007	0	0	0
07 MAY 2007	0	0	0
08 MAY 2007	0	0	0
09 MAY 2007	0	0	0
10 MAY 2007	0	0	0
11 MAY 2007	0	0	0
12 MAY 2007	0	0	0
13 MAY 2007	0	0	0
14 MAY 2007	0	0	0
15 MAY 2007	0	0	0
16 MAY 2007	0	0	0
17 MAY 2007	0	0	0
18 MAY 2007	0	0	0
19 MAY 2007	0	0	0
20 MAY 2007	0	0	0
21 MAY 2007	0	0	0
22 MAY 2007	0	0	0
23 MAY 2007	0	0	0
24 MAY 2007	0	0	0
25 MAY 2007	0	0	0
26 MAY 2007	0	0	0
27 MAY 2007	0	0	0
28 MAY 2007	0	0	0
29 MAY 2007	0	0	0
30 MAY 2007	0	0	0
31 MAY 2007	0	0	0



Exceedance of 30-Day Fecal Coliform Geometric Mean Standard (CFU/100mL)

Station	I25	I26	I39
Sample Date			
01 MAY 2007	2	2	3
02 MAY 2007			
03 MAY 2007			
04 MAY 2007			
05 MAY 2007	2	2	3
06 MAY 2007	2	2	3
07 MAY 2007	2	2	3
08 MAY 2007	2	2	3
09 MAY 2007	2	2	3
10 MAY 2007	2	2	3
11 MAY 2007	2	2	3
12 MAY 2007	2	2	3
13 MAY 2007	2	2	3
14 MAY 2007	2	2	3
15 MAY 2007	2	2	3
16 MAY 2007	2	2	3
17 MAY 2007	2	2	3
18 MAY 2007	2	2	3
19 MAY 2007	2	2	3
20 MAY 2007	2	2	3
21 MAY 2007	2	2	3
22 MAY 2007	2	2	3
23 MAY 2007	2	2	3
24 MAY 2007	2	2	3
25 MAY 2007	2	2	3
26 MAY 2007	2	2	3
27 MAY 2007	2	2	3
28 MAY 2007	2	2	3
29 MAY 2007	2	2	3
30 MAY 2007	2	2	3
31 MAY 2007	2	2	3

California State Ocean Plan compliance for geometric means is based on a minimum of 5 samples for any 30-day period. Missing geometric mean values did not meet this minimum.



Kelp Station Water Quality Data

Sample Date: 05-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH
			CFU/100 m	CFU/100 m	CFU/100 m	C	%	mg/L	ppt	pH
I25	0814	2	<2	<2	<2	16.5	80	8.5	33.71	8.3
		6	<2	<2	<2	16.4	80	7.8	33.75	8.3
		9	<2	<2	<2	14.9	67	6.0	33.78	8.1
I26	0826	2	<2	<2	<2	16.7	72	8.7	33.73	8.4
		6	<2	<2	<2	14.2	77	6.7	33.83	8.1
		9	4e	<2	<2	13.4	73	4.0	33.73	7.9
I39	0759	2	2e	<2	<2	16.3	83	8.5	33.71	8.2
		12	2e	<2	<2	11.3	73	5.5	33.79	7.7
		18	<2	<2	<2	11.2	51	3.5	33.76	7.7

Sample Date: 10-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH
			CFU/100 m	CFU/100 m	CFU/100 m	C	%	mg/L	ppt	pH
I25	0829	2	<2	<2	<2	13.2	70	8.3	33.80	8.1
		6	<2	<2	<2	11.3	82	4.1	33.79	7.8
		9	<2	<2	<2	11.1	80	3.1	33.79	7.7
I26	0816	2	<2	<2	<2	16.5	66	8.6	33.74	8.2
		6	<2	<2	<2	11.2	81	5.3	33.81	7.8
		9	2e	<2	<2	10.9	84	3.7	33.80	7.7
I39	0800	2	<2	<2	<2	15.8	80	8.5	33.76	8.2
		12	<2	<2	<2	11.1	87	4.2	33.79	7.8
		18	68	14e	2e	10.6	87	3.8	33.79	7.8



Kelp Station Water Quality Data

Sample Date: 17-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH
			CFU/100 m	CFU/100 m	CFU/100 m	C	%	mg/L	ppt	pH
I25	0819	2	<20	<2	<2	14.0	43	9.0	33.83	8.2
		6	<2	<2	<2	11.5	82	4.8	33.88	7.9
		9	<2	<2	<2	11.2	81	3.1	33.83	7.8
I26	0837	2	<2	<2	<2	14.1	58	9.8	33.80	8.3
		6	<2	<2	<2	11.1	83	4.9	33.92	7.9
		9	<2	<2	<2	10.7	85	3.3	33.86	7.8
I39	0756	2	<20	<2	<2	14.3	54	9.9	33.81	8.3
		12	8e	<2	<2	10.4	88	3.5	33.87	7.9
		18	14e	<2	<2	10.3	87	3.1	33.88	7.8

Sample Date: 23-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH
			CFU/100 m	CFU/100 m	CFU/100 m	C	%	mg/L	ppt	pH
I25	1205	2	<2	<2	<2	16.6	85	8.6	33.73	8.3
		6	<2	<2	<2	16.5	83	8.8	33.73	8.3
		9	<2	<2	<2	16.4	83	9.1	33.73	8.3
I26	1215	2	<2	<2	<2	16.6	84	8.5	33.72	8.3
		6	<2	<2	<2	16.5	84	8.6	33.72	8.3
		9	<2	<2	<2	15.9	79	8.8	33.75	8.3
I39	1157	2	<2	<2	<2	16.5	86	8.5	33.73	8.3
		12	<2	<2	<2	14.1	81	7.0	33.82	8.2
		18	62	26e	2e	13.4	78	5.8	33.78	8.1



Kelp Station Water Quality Data

Sample Date: 30-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH
			CFU/100 m	CFU/100 m	CFU/100 m	C	%	mg/L	ppt	pH
I25	1142	2	<2	<2	<2	17.5	85	9.5	33.77	8.4
		6	<2	<2	<2	14.6	70	6.2	33.83	8.1
		9	2e	<2	<2	14.1	52	4.6	33.78	8.0
I26	1159	2	<2	<2	<2	17.8	84	9.0	33.79	8.4
		6	<2	<2	<2	14.8	80	11.5	33.82	8.4
		9	<2	<2	<2	13.1	82	5.4	33.79	8.0
I39	1128	2	<2	<2	<2	17.0	87	9.5	33.77	8.4
		12	<2	<2	<2	12.6	79	7.3	33.80	8.1
		18	4e	2e	<2	11.6	85	3.1	33.79	7.8

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Visual Observations

Sample Date: 05-MAY-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0814
Depart Time	0820
Air Temp C	15.0
Weather	Overcast
Visibility mi	8
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	5
Wave Period sec	4
High Tide ft	2.9
High Tide Time	1225
Low Tide ft	-0.3
Low Tide Time	0557
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	0826
Depart Time	0829
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	8
Wind Speed Kts	5.0
Wind Dir.	SW
Comments	Kelp
Water Color	Green
Wave Ht Low ft	5
Wave Period sec	4
High Tide ft	2.9
High Tide Time	1225
Low Tide ft	-0.3
Low Tide Time	0557
Sea State	Calm



Visual Observations

Sample Date: 05-MAY-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0759
Depart Time	0806
Air Temp C	15.0
Weather	Overcast
Visibility mi	8
Wind Speed Kts	6.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	5
Wave Period sec	4
High Tide ft	2.9
High Tide Time	1225
Low Tide ft	-0.3
Low Tide Time	0557
Sea State	Calm



Visual Observations

Sample Date: 10-MAY-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0829
Depart Time	0836
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	4.0
Wind Dir.	W
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop

Station: I26

Parameter	Value
Depth m	9
Arrive Time	0816
Depart Time	0821
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	SW
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 10-MAY-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0800
Depart Time	0808
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 17-MAY-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0819
Depart Time	0830
Air Temp C	14.0
Weather	Overcast
Visibility mi	4
Wind Speed Kts	1.0
Wind Dir.	SE
Comments	Sea lion; Kelp debris
Water Color	Brown
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.8
High Tide Time	1049
Low Tide ft	-1.7
Low Tide Time	0429
Sea State	Calm

Station: I26

Parameter	Value
Depth m	10
Arrive Time	0837
Depart Time	0842
Air Temp C	14.0
Weather	Overcast
Visibility mi	4
Wind Speed Kts	2.0
Wind Dir.	S
Comments	Kelp debris
Water Color	Brown
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.8
High Tide Time	1049
Low Tide ft	-1.7
Low Tide Time	0429
Sea State	Calm



Visual Observations

Sample Date: 17-MAY-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	0756
Depart Time	0811
Air Temp C	14.0
Weather	Overcast
Visibility mi	4
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Kelp debris
Water Color	Brownish-Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.8
High Tide Time	1049
Low Tide ft	-1.7
Low Tide Time	0429
Sea State	Calm



Visual Observations

Sample Date: 23-MAY-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	1205
Depart Time	1210
Air Temp C	16.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	9.0
Wind Dir.	NE
Comments	Kelp
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	7
High Tide ft	4.0
High Tide Time	1717
Low Tide ft	0.4
Low Tide Time	1009
Sea State	Light chop

Station: I26

Parameter	Value
Depth m	9
Arrive Time	1215
Depart Time	1222
Air Temp C	16.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	10.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	7
High Tide ft	4.0
High Tide Time	1717
Low Tide ft	0.4
Low Tide Time	1009
Sea State	Light chop



Visual Observations

Sample Date: 23-MAY-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	1150
Depart Time	1157
Air Temp C	16.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	8.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	7
High Tide ft	4.0
High Tide Time	1717
Low Tide ft	0.4
Low Tide Time	1009
Sea State	Light chop



Visual Observations

Sample Date: 30-MAY-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	1142
Depart Time	1151
Air Temp C	16.0
Weather	Overcast
Visibility mi	9
Wind Speed Kts	8.0
Wind Dir.	SE
Comments	Kelp
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	7
High Tide ft	3.4
High Tide Time	0934
Low Tide ft	1.9
Low Tide Time	1419
Sea State	Light chop

Station: I26

Parameter	Value
Depth m	10
Arrive Time	1159
Depart Time	1206
Air Temp C	16.0
Weather	Overcast
Visibility mi	9
Wind Speed Kts	12.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	7
High Tide ft	3.4
High Tide Time	0934
Low Tide ft	1.9
Low Tide Time	1419
Sea State	Light chop



Visual Observations

Sample Date: 30-MAY-07

Station: I39

Parameter	Value
Depth m	19
Arrive Time	1128
Depart Time	1137
Air Temp C	16.0
Weather	Overcast
Visibility mi	9
Wind Speed Kts	9.0
Wind Dir.	SE
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	7
High Tide ft	3.4
High Tide Time	0934
Low Tide ft	1.9
Low Tide Time	1419
Sea State	Light chop

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I25	20070505	1	16.5	78	8.5	33.7	8.3	24.6	5.57
I25	20070505	2	16.5	80	8.5	33.7	8.3	24.6	5.48
I25	20070505	3	16.5	80	8.5	33.7	8.3	24.6	5.74
I25	20070505	4	16.5	80	8.6	33.7	8.3	24.6	7.06
I25	20070505	5	16.5	80	8.7	33.7	8.3	24.7	7.23
I25	20070505	6	16.4	80	7.8	33.7	8.3	24.7	7.70
I25	20070505	7	14.9	79	6.8	33.8	8.2	25.1	7.70
I25	20070505	8	15.1	71	6.1	33.7	8.1	25.0	5.96
I25	20070505	9	14.9	67	6.0	33.8	8.1	25.0	7.16
I25	20070517	1	14.2	32	9.3	33.8	8.2	25.2	76.10
I25	20070517	2	14.0	43	9.0	33.8	8.2	25.3	74.49
I25	20070517	3	13.2	64	7.9	33.9	8.2	25.5	65.81
I25	20070517	4	12.7	76	7.1	33.8	8.1	25.6	37.08
I25	20070517	5	12.4	80	5.9	33.9	8.0	25.6	12.97
I25	20070517	6	11.5	82	4.8	33.9	7.9	25.8	8.64
I25	20070517	7	11.3	82	4.0	33.9	7.8	25.8	4.95
I25	20070517	8	11.2	81	3.5	33.9	7.8	25.9	3.10
I25	20070517	9	11.2	81	3.1	33.8	7.8	25.8	2.48
I25	20070523	1	16.6	85	8.6	33.7	8.3	24.6	1.50
I25	20070523	2	16.6	85	8.6	33.7	8.3	24.6	1.60
I25	20070523	3	16.5	85	8.7	33.7	8.3	24.6	1.89
I25	20070523	4	16.5	84	8.7	33.7	8.3	24.7	2.38
I25	20070523	5	16.5	84	8.7	33.7	8.3	24.7	2.88
I25	20070523	6	16.5	83	8.8	33.7	8.3	24.7	3.46
I25	20070523	7	16.4	83	9.0	33.7	8.3	24.7	4.22
I25	20070523	8	16.4	84	9.0	33.7	8.3	24.7	3.86
I25	20070523	9	16.4	83	9.1	33.7	8.3	24.7	2.85
I25	20070530	1	17.5	84	9.3	33.8	8.4	24.4	1.64
I25	20070530	2	17.5	85	9.5	33.8	8.4	24.5	1.63
I25	20070530	3	17.1	85	9.9	33.8	8.4	24.6	1.60
I25	20070530	4	16.5	85	9.8	33.8	8.4	24.7	2.02
I25	20070530	5	15.7	64	8.5	33.8	8.3	24.9	10.25
I25	20070530	6	14.6	70	6.2	33.8	8.1	25.2	47.42
I25	20070530	7	14.1	60	5.1	33.8	8.0	25.2	22.20
I25	20070530	8	14.1	61	4.8	33.8	8.0	25.2	6.40
I25	20070530	9	14.1	52	4.6	33.8	8.0	25.2	3.39
I26	20070505	1	16.8	71	8.6	33.7	8.4	24.6	10.95
I26	20070505	2	16.7	72	8.7	33.7	8.4	24.6	11.64
I26	20070505	3	16.6	74	9.0	33.7	8.4	24.6	12.37
I26	20070505	4	16.5	75	9.0	33.7	8.3	24.6	12.89
I26	20070505	5	16.1	77	8.1	33.8	8.3	24.8	13.33
I26	20070505	6	14.2	77	6.7	33.8	8.1	25.2	13.22
I26	20070505	7	13.5	78	5.5	33.8	8.0	25.4	13.09
I26	20070505	8	13.3	75	4.9	33.8	7.9	25.4	10.75
I26	20070505	9	13.4	73	4.0	33.7	7.9	25.3	3.19

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I26	20070517	1	14.2	58	9.7	33.8	8.3	25.2	63.88
I26	20070517	2	14.1	58	9.8	33.8	8.3	25.2	65.65
I26	20070517	3	14.1	58	9.7	33.8	8.3	25.2	65.24
I26	20070517	4	12.6	62	7.9	33.9	8.1	25.6	57.08
I26	20070517	5	12.0	75	6.1	33.9	8.0	25.7	21.64
I26	20070517	6	11.1	83	4.9	33.9	7.9	25.9	9.33
I26	20070517	7	10.8	85	4.0	33.9	7.8	25.9	4.07
I26	20070517	8	10.7	85	3.6	33.9	7.8	25.9	2.82
I26	20070517	9	10.7	85	3.3	33.9	7.8	25.9	2.03
I26	20070523	1	16.6	84	8.5	33.7	8.3	24.6	1.35
I26	20070523	2	16.6	84	8.5	33.7	8.3	24.6	1.38
I26	20070523	3	16.6	85	8.6	33.7	8.3	24.6	1.47
I26	20070523	4	16.6	85	8.6	33.7	8.3	24.6	1.63
I26	20070523	5	16.6	85	8.6	33.7	8.3	24.6	1.76
I26	20070523	6	16.5	84	8.6	33.7	8.3	24.7	2.18
I26	20070523	7	16.1	83	8.6	33.8	8.3	24.8	3.16
I26	20070523	8	15.9	81	8.8	33.8	8.3	24.8	3.75
I26	20070523	9	15.9	79	8.8	33.7	8.3	24.8	2.88
I26	20070530	1	17.8	84	8.9	33.8	8.4	24.4	1.27
I26	20070530	2	17.8	84	9.0	33.8	8.4	24.4	1.40
I26	20070530	3	17.7	85	9.2	33.8	8.4	24.4	1.43
I26	20070530	4	17.4	85	9.4	33.8	8.4	24.5	1.56
I26	20070530	5	15.9	85	10.5	33.8	8.4	24.9	1.87
I26	20070530	6	14.8	80	11.5	33.8	8.4	25.1	3.95
I26	20070530	7	13.6	70	8.7	33.8	8.2	25.4	17.51
I26	20070530	8	13.1	82	6.1	33.8	8.0	25.5	18.06
I26	20070530	9	13.1	82	5.4	33.8	8.0	25.4	5.45
I39	20070505	1	16.3	83	8.5	33.7	8.2	24.7	2.76
I39	20070505	2	16.3	83	8.5	33.7	8.2	24.7	2.78
I39	20070505	3	16.2	83	8.6	33.7	8.2	24.7	2.99
I39	20070505	4	15.8	83	8.7	33.8	8.2	24.8	3.06
I39	20070505	5	14.4	81	8.9	33.8	8.2	25.2	3.44
I39	20070505	6	13.3	78	9.0	33.8	8.1	25.4	4.12
I39	20070505	7	12.8	71	9.0	33.7	8.1	25.5	6.14
I39	20070505	8	12.4	70	9.0	33.7	8.0	25.5	11.18
I39	20070505	9	12.2	76	8.7	33.8	7.9	25.6	20.98
I39	20070505	10	11.9	82	7.7	33.8	7.8	25.7	34.38
I39	20070505	11	11.6	78	6.5	33.8	7.7	25.7	27.68
I39	20070505	12	11.3	73	5.5	33.8	7.7	25.8	15.76
I39	20070505	13	11.2	70	4.6	33.8	7.7	25.8	7.60
I39	20070505	14	11.2	69	4.3	33.8	7.7	25.8	5.65
I39	20070505	15	11.2	71	3.9	33.8	7.7	25.8	5.12
I39	20070505	16	11.2	70	3.7	33.8	7.7	25.8	4.92
I39	20070505	17	11.2	61	3.6	33.8	7.7	25.8	4.42
I39	20070505	18	11.2	51	3.5	33.8	7.7	25.8	4.58

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
				%					
I39	20070517	1	14.4	60	10.1	33.8	8.4	25.2	45.98
I39	20070517	2	14.3	54	9.9	33.8	8.3	25.2	52.82
I39	20070517	3	13.4	59	8.6	33.9	8.2	25.4	67.06
I39	20070517	4	12.5	77	7.2	33.9	8.1	25.6	41.37
I39	20070517	5	11.3	82	5.7	33.9	8.0	25.9	16.06
I39	20070517	6	10.8	86	4.8	33.9	7.9	25.9	7.56
I39	20070517	7	10.6	87	4.2	33.9	7.9	26.0	5.24
I39	20070517	8	10.5	88	3.9	33.9	7.9	26.0	4.75
I39	20070517	9	10.5	88	3.7	33.9	7.9	26.0	4.38
I39	20070517	10	10.5	88	3.6	33.9	7.9	26.0	4.26
I39	20070517	11	10.5	88	3.6	33.9	7.9	26.0	4.28
I39	20070517	12	10.4	88	3.5	33.9	7.9	26.0	4.44
I39	20070517	13	10.4	88	3.4	33.9	7.8	26.0	4.46
I39	20070517	14	10.3	88	3.3	33.9	7.8	26.0	3.34
I39	20070517	15	10.3	88	3.2	33.9	7.8	26.0	2.90
I39	20070517	16	10.3	88	3.2	33.9	7.8	26.0	2.76
I39	20070517	17	10.3	88	3.1	33.9	7.8	26.0	2.60
I39	20070517	18	10.3	87	3.1	33.9	7.8	26.0	2.46
I39	20070523	1	16.6	86	8.5	33.7	8.3	24.6	1.60
I39	20070523	2	16.5	86	8.5	33.7	8.3	24.6	1.65
I39	20070523	3	16.3	86	8.8	33.7	8.3	24.7	2.52
I39	20070523	4	16.1	83	8.9	33.7	8.3	24.7	5.67
I39	20070523	5	16.1	81	9.0	33.7	8.3	24.8	5.94
I39	20070523	6	16.0	82	9.0	33.7	8.3	24.8	4.20
I39	20070523	7	15.8	83	9.0	33.8	8.3	24.8	3.51
I39	20070523	8	15.4	83	8.4	33.8	8.3	24.9	3.40
I39	20070523	9	15.1	82	8.1	33.8	8.2	25.0	3.70
I39	20070523	10	15.0	82	7.9	33.8	8.2	25.0	4.12
I39	20070523	11	14.7	81	7.7	33.8	8.2	25.1	4.35
I39	20070523	12	14.1	81	7.0	33.8	8.2	25.3	4.76
I39	20070523	13	13.6	81	6.6	33.8	8.1	25.3	4.82
I39	20070523	14	13.5	80	6.2	33.8	8.1	25.4	4.83
I39	20070523	15	13.4	79	6.0	33.8	8.1	25.4	4.88
I39	20070523	16	13.3	78	5.9	33.8	8.1	25.4	4.97
I39	20070523	17	13.3	78	5.9	33.8	8.1	25.4	5.10
I39	20070523	18	13.4	78	5.8	33.8	8.1	25.4	4.90
I39	20070530	1	17.0	85	9.5	33.8	8.4	24.6	1.20
I39	20070530	2	17.0	87	9.5	33.8	8.4	24.6	1.28
I39	20070530	3	17.0	87	9.6	33.8	8.4	24.6	1.34
I39	20070530	4	16.9	87	9.8	33.8	8.4	24.6	1.46
I39	20070530	5	16.5	87	10.2	33.8	8.4	24.7	1.64
I39	20070530	6	15.5	88	10.9	33.8	8.4	24.9	1.62
I39	20070530	7	15.1	88	11.2	33.8	8.4	25.0	1.51
I39	20070530	8	14.8	88	11.5	33.8	8.4	25.1	1.67
I39	20070530	9	14.1	88	11.5	33.8	8.4	25.2	1.70

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I39	20070530	10	13.5	84	10.7	33.8	8.3	25.3	3.68
I39	20070530	11	13.2	65	9.3	33.8	8.3	25.4	28.17
I39	20070530	12	12.6	79	7.3	33.8	8.1	25.6	55.49
I39	20070530	13	12.2	84	5.8	33.8	8.0	25.6	26.07
I39	20070530	14	12.0	86	4.9	33.8	7.9	25.6	10.84
I39	20070530	15	12.0	87	4.2	33.8	7.9	25.7	5.66
I39	20070530	16	11.8	86	3.7	33.8	7.8	25.7	3.55
I39	20070530	17	11.7	86	3.3	33.8	7.8	25.7	2.31
I39	20070530	18	11.6	85	3.1	33.8	7.8	25.7	1.96
I39	20070530	19	11.6	84	3.0	33.8	7.8	25.7	1.85

***MONTHLY
WATER QUALITY STATIONS***



Monthly Station Water Quality Data

Sample Date: 08-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH	OG	SUSO
			CFU/100 m	CFU/100 m	CFU/100 m	C	%	mg/L	ppt	pH	mg/L	mg/L
I3	0928	2	<2	<2	<2	15.5	80	8.5	33.72	8.3	<0.2	2.4
I5	0957	18	2e	<2	<2	10.6	89	3.9	33.78	7.9		3.0
		27	4e	<2	<2	10.6	89	3.9	33.77	7.9		2.9
		2	<2	<2	<2	14.0	70	8.8	33.74	8.3	<0.2	7.2
I7	0828	6	<2	<2	<2	11.5	77	5.2	33.77	7.9		6.6
		11	18e	4e	<2	10.6	85	3.8	33.79	7.8		4.4
		2	<2	<2	<2	16.4	83	8.7	33.71	8.3	<0.2	4.6
I8	1128	18	<2	<2	<2	11.6	85	4.9	33.70	8.0		4.0
		52	16e	2e	<2	10.2	90	3.6	33.85	7.8		2.4
		2	<2	<2	<2	15.5	76	9.0	33.71	8.3	<0.2	2.6
I9	1114	18	8e	4e	<2	10.7	86	4.0	33.78	7.9		<0.2
		37	22e	2e	2e	10.3	88	3.8	33.81	7.8		1.6
		2	12e	<2	<2	16.2	78	8.6	33.74	8.3	<0.2	2.8
I10	1044	18	2800e	720	110	10.7	86	3.8	33.79	7.9		2.1
		27	560	56	6e	10.4	87	3.7	33.81	7.8		2.1
		2	<2	<2	<2	15.7	68	8.1	33.75	8.2	<0.2	10.5
I11	1031	12	42	24e	<2	10.8	84	4.2	33.81	7.9		3.6
		18	96	30e	<2	10.5	85	3.7	33.80	7.8		2.2
		2	<2	<2	<2	14.2	73	6.8	33.89	8.0	<0.2	2.2
I13	1144	6	<2	<2	<2	11.0	84	6.4	34.27	7.8		1.7
		11	<2	<2	<2	10.8	84	3.5	33.88	7.8		2.0
		2	<2	<2	<2	16.1	79	8.7	33.70	8.3	<0.2	2.4
I20	0810	18	<2	<2	<2	10.8	86	4.1	33.78	7.9		<0.2
		37	300e	54	8e	10.2	88	3.6	33.84	7.8		<0.2
		2	<2	<2	<2	16.2	82	8.7	33.70	8.2	<0.2	2.0
I21	1203	18	<2	<2	<2	11.6	86	4.8	33.72	7.9		2.2
		55	14e	4e	2e	10.1	89	3.4	33.90	7.8		2.0
		2	<2	<2	<2	16.7	78	8.6	33.70	8.3	<0.2	2.7
		18	<2	<2	<2	11.3	86	4.5	33.79	7.9		3.3
		37	280e	100	10e	10.2	88	3.6	33.87	7.8		<0.2



Monthly Station Water Quality Data

Sample Date: 09-MAY-07

Station	Time	Depth (m)	TOTAL CFU/100 mL	FECAL CFU/100 mL	ENTERO CFU/100 mL	TEMP C	XMS %	DO mg/L	SAL ppt	PH pH	OG mg/L	SUSO mg/L
I30	0927	2	<2	<2	<2	16.0	75	8.6	33.75	8.2	<0.2	5.0
		18	32e	2e	<2	10.4	89	3.7	33.82	7.8		2.7
		27	300e	12e	2e	10.3	89	3.6	33.84	7.8		2.8
I32	1004	2	<2	<2	<2	17.1	66	8.9	33.76	8.2	<0.2	8.0
		6	<2	<2	<2	12.0	75	6.0	33.78	7.8		5.5
		9	<2	<2	<2	11.0	73	2.9	33.81	7.7		6.6
I33	0825	2	<2	<2	<2	15.8	64	8.6	33.74	8.2	<0.2	7.7
		18	22e	4e	<2	10.3	86	3.7	33.86	7.8		2.3
		27	60	<2	<2	10.3	85	3.5	33.86	7.8		2.6
I36	1024	2	<2	<2	<2	17.6	54	10.0	33.74	8.3	<0.2	11.5
		6	<2	<2	<2	12.2	59	7.9	33.77	8.0		6.7
		11	<20	<2	<2	11.0	67	2.3	33.80	7.6		7.4
I37	0753	2	<2	<2	<2	16.0	80	8.2	33.74	8.2	<0.2	2.5
		6	<2	<2	<2	15.0	79	7.9	33.75	8.1		3.3
		11	2e	<2	<2	10.9	80	3.6	33.80	7.8		3.5
I38	1102	2	2e	<2	<2	16.3	58	10.4	33.74	8.2	<0.2	11.6
		6	<2	<2	<2	12.3	67	6.9	33.79	7.8		3.9
		11	<2	<2	<2	11.1	71	2.5	33.80	7.7		2.8



Monthly Station Water Quality Data

Sample Date: 10-MAY-07

Station	Time	Depth (m)	TOTAL	FECAL	ENTERO	TEMP	XMS	DO	SAL	PH	OG	SUSO
			CFU/100 mL	CFU/100 mL	CFU/100 mL	C	%	mg/L	ppt	pH	mg/L	mg/L
I12	1006	2	26e	<2	<2	15.9	78	8.9	33.74	8.2	<0.2	2.3
		18	7000	560	140e	10.7	88	3.8	33.77	7.8		<0.2
		27	150	24e	10e	10.4	89	3.7	33.80	7.8		<0.2
I14	1027	2	<2	<2	<2	16.1	78	9.1	33.74	8.2	<0.2	<0.2
		18	8e	2e	4e	10.6	89	3.8	33.79	7.8		3.5
		27	12e	<2	<2	10.4	89	3.8	33.81	7.8		2.1
I16	0949	2	<2	<2	2e	15.9	77	8.9	33.74	8.2	<0.2	3.0
												2.5
I18	0926	18	4e	<2	<2	10.6	89	3.8	33.79	7.8		2.2
		27	10e	<2	<2	10.4	89	3.7	33.81	7.8		1.9
		12	<2	<2	<2	11.0	85	3.9	33.78	7.8		1.7
I19	0907	18	170e	32e	6e	10.5	88	3.9	33.80	7.8		1.7
		2	<2	<2	<2	12.2	71	5.5	33.78	7.9	<0.2	4.6
		6	<2	<2	<2	10.9	72	3.4	33.80	7.7		4.8
I22	1043	11	<2	<2	<2	10.8	72	3.1	33.79	7.7		4.5
		2	<2	<2	<2	16.1	79	9.2	33.74	8.2	<0.2	4.5
		18	32e	2e	<2	10.4	89	3.8	33.81	7.8		<0.2
I23	1055	27	16e	4e	<2	10.4	89	3.8	33.81	7.8		3.3
		2	<2	<2	<2	14.8	72	8.4	33.75	8.2	<0.2	4.7
		12	82	24e	4e	10.6	87	4.0	33.79	7.8		<0.2
I24	0840	18	88	16e	2e	10.5	87	3.7	33.81	7.7		1.7
		2	<2	<2	<2	15.8	68	8.8	33.75	8.2	<0.2	6.7
												5.7
I25	0829	6	<2	<2	<2	11.6	75	4.4	33.79	7.8		2.5
		11	2e	<2	<2	10.9	79	3.0	33.80	7.7		3.9
		2	<2	<2	<2	13.2	70	8.3	33.80	8.1	<0.2	3.9
I26	0816	6	<2	<2	<2	11.3	82	4.1	33.79	7.8		1.7
		9	<2	<2	<2	11.1	80	3.1	33.79	7.7		2.3
		2	<2	<2	<2	16.5	66	8.6	33.74	8.2	<0.2	7.6
I39	0800	6	<2	<2	<2	11.2	81	5.3	33.81	7.8		4.1
		9	2e	<2	<2	10.9	84	3.7	33.80	7.7		2.4
		2	<2	<2	<2	15.8	80	8.5	33.76	8.2	<0.2	2.8
I40	0852	12	<2	<2	<2	11.1	87	4.2	33.79	7.8		1.7
		18	68	14e	2e	10.6	87	3.8	33.79	7.8		2.4
		2	<2	<2	2e	12.4	65	5.8	33.80	7.9	<0.2	4.2
		6	<2	<2	<2	11.0	74	3.7	33.79	7.7		3.1
		9	<2	<2	<2	10.9	74	3.2	33.79	7.7		2.2

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Visual Observations

Sample Date: 08-MAY-07

Station: I1

Parameter	Value
Depth m	62
Arrive Time	0850
Depart Time	0856
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	3.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm

Station: I2

Parameter	Value
Depth m	34
Arrive Time	0914
Depart Time	0918
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Kelp debris; Seagrass
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 08-MAY-07

Station: I3

Parameter	Value
Depth m	28
Arrive Time	0928
Depart Time	0936
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	1.0
Wind Dir.	S
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm

Station: I4

Parameter	Value
Depth m	20
Arrive Time	0947
Depart Time	0952
Air Temp C	19.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	2.0
Wind Dir.	N
Comments	Possible red tide
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 08-MAY-07	
Station: 15	
Parameter	Value
Depth m	15
Arrive Time	0957
Depart Time	1000
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Boats
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm
Station: 16	
Parameter	Value
Depth m	27
Arrive Time	1016
Depart Time	1022
Air Temp C	19.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	0.0
Wind Dir.	XX
Comments	Possible red tide
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 08-MAY-07

Station: I7

Parameter	Value
Depth m	52
Arrive Time	0828
Depart Time	0835
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm

Station: I8

Parameter	Value
Depth m	36
Arrive Time	1128
Depart Time	1133
Air Temp C	20.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	3.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 08-MAY-07	
Station: I9	
Parameter	Value
Depth m	31
Arrive Time	1114
Depart Time	1118
Air Temp C	20.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	0.0
Wind Dir.	XX
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm
Station: I10	
Parameter	Value
Depth m	21
Arrive Time	1044
Depart Time	1108
Air Temp C	19.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	2.0
Wind Dir.	SE
Comments	Kelp debris; CTD troubleshooting (problem resolved) before CTD cast
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 08-MAY-07

Station: I11

Parameter	Value
Depth m	15
Arrive Time	1031
Depart Time	1037
Air Temp C	19.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	2.0
Wind Dir.	SW
Comments	Possible red tide; Kelp debris; Salinity values from CTD possibly inaccurate
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm

Station: I13

Parameter	Value
Depth m	38
Arrive Time	1144
Depart Time	1153
Air Temp C	20.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	2.0
Wind Dir.	NE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 08-MAY-07	
Station: I20	
Parameter	Value
Depth m	55
Arrive Time	0810
Depart Time	0818
Air Temp C	18.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	4.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm
Station: I21	
Parameter	Value
Depth m	41
Arrive Time	1203
Depart Time	1219
Air Temp C	19.0
Weather	Clear
Visibility mi	12
Wind Speed Kts	3.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.0
High Tide Time	1634
Low Tide ft	0.1
Low Tide Time	0851
Sea State	Calm



Visual Observations

Sample Date: 09-MAY-07

Station: I28

Parameter	Value
Depth m	58
Arrive Time	0854
Depart Time	0900
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	6.0
Wind Dir.	W
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm

Station: I29

Parameter	Value
Depth m	38
Arrive Time	0912
Depart Time	0917
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	4.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm



Visual Observations

Sample Date: 09-MAY-07

Station: I30

Parameter	Value
Depth m	29
Arrive Time	0927
Depart Time	0935
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	2.0
Wind Dir.	S
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm

Station: I31

Parameter	Value
Depth m	19
Arrive Time	0944
Depart Time	0949
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	5.0
Wind Dir.	N
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm



Visual Observations

Sample Date: 09-MAY-07

Station: I32

Parameter	Value
Depth m	10
Arrive Time	1004
Depart Time	1008
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	7.0
Wind Dir.	SE
Water Color	Brownish-Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm

Station: I33

Parameter	Value
Depth m	31
Arrive Time	0825
Depart Time	0833
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	0.0
Wind Dir.	XX
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm



Visual Observations

Sample Date: 09-MAY-07

Station: I34

Parameter	Value
Depth m	20
Arrive Time	0812
Depart Time	0816
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	1.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm
Station: I35	

Parameter	Value
Depth m	19
Arrive Time	1043
Depart Time	1052
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	5.0
Wind Dir.	E
Comments	Patchy rootbeer/green water color; Additional sample collected at 5 meters for phytoplankton identification
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm



Visual Observations

Sample Date: 09-MAY-07

Station: I36

Parameter	Value
Depth m	12
Arrive Time	1024
Depart Time	1032
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	6.0
Wind Dir.	SW
Comments	Rootbeer colored water,
Water Color	Reddish-Brown
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm

Station: I37

Parameter	Value
Depth m	13
Arrive Time	0753
Depart Time	0804
Air Temp C	17.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	0.0
Wind Dir.	XX
Water Color	Green
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm



Visual Observations

Sample Date:	09-MAY-07
Station:	I38
Parameter	Value
Depth m	12
Arrive Time	1102
Depart Time	1109
Air Temp C	18.0
Weather	Clear
Visibility mi	14
Wind Speed Kts	4.0
Wind Dir.	N
Comments	Sample collected @ 4m for phytoplankton ID
Water Color	Reddish-Brown
Wave Ht Low ft	2
Wave Period sec	9
High Tide ft	3.4
High Tide Time	1714
Low Tide ft	0.1
Low Tide Time	0956
Sea State	Calm



Visual Observations

Sample Date: 10-MAY-07

Station: I12

Parameter	Value
Depth m	29
Arrive Time	1006
Depart Time	1014
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	9.0
Wind Dir.	N
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Heavy chop

Station: I14

Parameter	Value
Depth m	29
Arrive Time	1027
Depart Time	1035
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	11.0
Wind Dir.	S
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Heavy chop



Visual Observations

Sample Date: 10-MAY-07

Station: I15

Parameter	Value
Depth m	31
Arrive Time	1018
Depart Time	1021
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	9.0
Wind Dir.	N
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Heavy chop

Station: I16

Parameter	Value
Depth m	28
Arrive Time	0949
Depart Time	0958
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	6.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 10-MAY-07

Station: I17

Parameter	Value
Depth m	26
Arrive Time	0940
Depart Time	0945
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	8.0
Wind Dir.	W
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop

Station: I18

Parameter	Value
Depth m	20
Arrive Time	0926
Depart Time	0932
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	6.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 10-MAY-07

Station: I19

Parameter	Value
Depth m	11
Arrive Time	0907
Depart Time	0915
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	8.0
Wind Dir.	E
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Calm

Station: I22

Parameter	Value
Depth m	28
Arrive Time	1043
Depart Time	1050
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	10.0
Wind Dir.	NW
Comments	Large sportfishing boat; Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Heavy chop



Visual Observations

Sample Date: 10-MAY-07	
Station: I23	
Parameter	Value
Depth m	21
Arrive Time	1055
Depart Time	1102
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	7
Wind Speed Kts	11.0
Wind Dir.	SW
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Heavy chop
Station: I24	
Parameter	Value
Depth m	11
Arrive Time	0840
Depart Time	0847
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	4.0
Wind Dir.	E
Comments	Kelp debris
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 10-MAY-07

Station: I25

Parameter	Value
Depth m	9
Arrive Time	0829
Depart Time	0836
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	4.0
Wind Dir.	W
Comments	Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop

Station: I26

Parameter	Value
Depth m	9
Arrive Time	0816
Depart Time	0821
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	SW
Water Color	Brownish-Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 10-MAY-07	
Station: I27	
Parameter	Value
Depth m	29
Arrive Time	0746
Depart Time	0751
Air Temp C	14.0
Weather	Overcast
Visibility mi	5
Wind Speed Kts	3.0
Wind Dir.	SE
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop
Station: I39	
Parameter	Value
Depth m	19
Arrive Time	0800
Depart Time	0808
Air Temp C	14.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	6.0
Wind Dir.	NW
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Light chop



Visual Observations

Sample Date: 10-MAY-07	
Station: I40	
Parameter	Value
Depth m	10
Arrive Time	0852
Depart Time	0858
Air Temp C	15.0
Weather	Partly Cloudy
Visibility mi	5
Wind Speed Kts	3.0
Wind Dir.	S
Comments	Sea lion pup; Kelp debris
Water Color	Green
Wave Ht Low ft	3
Wave Period sec	4
High Tide ft	4.1
High Tide Time	0321
Low Tide ft	0.1
Low Tide Time	1052
Sea State	Calm

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CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I1	20070508	1	16.9	81	8.5	33.7	8.3	24.6	0.80
I1	20070508	2	16.8	83	8.4	33.7	8.3	24.6	0.82
I1	20070508	3	16.6	83	8.5	33.7	8.3	24.6	0.97
I1	20070508	4	16.2	84	8.6	33.7	8.3	24.7	1.10
I1	20070508	5	15.6	85	8.7	33.7	8.3	24.8	1.84
I1	20070508	6	15.2	85	8.6	33.7	8.3	24.9	2.54
I1	20070508	7	15.0	84	8.6	33.7	8.2	24.9	3.34
I1	20070508	8	14.9	82	8.6	33.7	8.2	25.0	3.69
I1	20070508	9	14.6	82	8.6	33.7	8.2	25.0	4.88
I1	20070508	10	14.6	81	8.6	33.7	8.2	25.0	5.93
I1	20070508	11	14.2	80	8.6	33.7	8.2	25.1	9.19
I1	20070508	12	13.4	79	8.4	33.7	8.2	25.3	10.85
I1	20070508	13	12.6	78	7.7	33.7	8.1	25.4	11.47
I1	20070508	14	12.2	78	6.9	33.7	8.1	25.5	11.36
I1	20070508	15	12.1	80	6.1	33.7	8.0	25.5	10.85
I1	20070508	16	12.1	80	5.8	33.7	8.0	25.5	10.52
I1	20070508	17	11.9	81	5.6	33.7	8.0	25.6	9.59
I1	20070508	18	11.9	82	5.3	33.7	8.0	25.6	8.93
I1	20070508	19	11.8	83	5.2	33.7	8.0	25.6	7.73
I1	20070508	20	11.7	84	5.1	33.7	8.0	25.6	6.49
I1	20070508	21	11.7	85	4.9	33.7	8.0	25.6	5.78
I1	20070508	22	11.6	85	4.8	33.7	7.9	25.6	5.33
I1	20070508	23	11.6	86	4.7	33.7	7.9	25.6	4.93
I1	20070508	24	11.6	86	4.6	33.7	7.9	25.7	4.52
I1	20070508	25	11.4	86	4.5	33.7	7.9	25.7	3.71
I1	20070508	26	11.2	87	4.4	33.7	7.9	25.7	3.56
I1	20070508	27	11.1	87	4.3	33.7	7.9	25.7	3.05
I1	20070508	28	11.0	87	4.3	33.7	7.9	25.8	3.20
I1	20070508	29	11.0	87	4.2	33.7	7.9	25.8	2.96
I1	20070508	30	11.0	88	4.2	33.7	7.9	25.8	3.20
I1	20070508	31	10.9	88	4.2	33.7	7.9	25.8	2.81
I1	20070508	32	10.9	88	4.2	33.7	7.9	25.8	2.45
I1	20070508	33	10.8	88	4.2	33.7	7.9	25.8	2.05
I1	20070508	34	10.8	88	4.2	33.7	7.9	25.8	2.12
I1	20070508	35	10.7	89	4.2	33.7	7.9	25.8	1.97
I1	20070508	36	10.8	89	4.2	33.7	7.9	25.8	1.86
I1	20070508	37	10.7	89	4.2	33.7	7.9	25.9	1.59
I1	20070508	38	10.7	89	4.1	33.7	7.9	25.9	1.60
I1	20070508	39	10.5	89	4.1	33.8	7.9	25.9	1.21
I1	20070508	40	10.6	89	4.1	33.8	7.9	25.9	1.32
I1	20070508	41	10.5	89	4.1	33.8	7.9	25.9	1.07
I1	20070508	42	10.5	89	4.1	33.8	7.9	25.9	1.01
I1	20070508	43	10.5	90	4.0	33.8	7.9	25.9	1.00
I1	20070508	44	10.5	90	4.0	33.8	7.9	25.9	0.86
I1	20070508	45	10.5	90	4.0	33.8	7.9	25.9	0.88

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I1	20070508	46	10.4	90	4.0	33.8	7.9	25.9	0.77
I1	20070508	47	10.4	90	4.0	33.8	7.9	25.9	0.75
I1	20070508	48	10.4	90	4.0	33.8	7.9	25.9	0.76
I1	20070508	49	10.4	90	4.0	33.8	7.9	25.9	0.75
I1	20070508	50	10.4	90	4.0	33.8	7.9	25.9	0.72
I1	20070508	51	10.4	90	3.9	33.8	7.9	25.9	0.73
I1	20070508	52	10.4	90	3.9	33.8	7.9	25.9	0.73
I1	20070508	53	10.3	90	3.9	33.8	7.9	26.0	0.74
I1	20070508	54	10.3	90	3.8	33.8	7.8	26.0	0.72
I1	20070508	55	10.2	89	3.7	33.9	7.8	26.0	0.74
I1	20070508	56	10.1	89	3.6	33.9	7.8	26.1	0.72
I1	20070508	57	10.1	88	3.4	33.9	7.8	26.1	0.69
I1	20070508	58	10.1	88	3.2	33.9	7.8	26.1	0.71
I1	20070508	59	10.0	88	3.2	33.9	7.8	26.1	0.63
I1	20070508	60	9.9	88	3.1	34.0	7.8	26.2	0.66
I1	20070508	61	9.9	87	3.0	34.0	7.8	26.2	0.62
I10	20070508	1	15.9	68	8.0	33.7	8.2	24.8	4.36
I10	20070508	2	15.7	68	8.1	33.7	8.2	24.9	5.02
I10	20070508	3	15.3	68	8.1	33.7	8.2	24.9	7.25
I10	20070508	4	15.2	68	8.2	33.7	8.2	25.0	8.43
I10	20070508	5	15.1	68	8.2	33.7	8.2	25.0	10.41
I10	20070508	6	14.2	69	8.2	33.8	8.2	25.2	17.63
I10	20070508	7	12.9	69	7.8	33.8	8.2	25.5	18.93
I10	20070508	8	12.2	70	6.9	33.8	8.1	25.6	11.49
I10	20070508	9	11.7	74	5.9	33.8	8.0	25.7	5.92
I10	20070508	10	11.4	79	5.2	33.8	7.9	25.7	5.02
I10	20070508	11	10.9	82	4.8	33.8	7.9	25.9	3.44
I10	20070508	12	10.8	84	4.2	33.8	7.9	25.9	3.17
I10	20070508	13	10.7	84	3.9	33.8	7.8	25.9	2.90
I10	20070508	14	10.6	85	3.7	33.8	7.8	25.9	2.99
I10	20070508	15	10.6	85	3.7	33.8	7.8	25.9	2.70
I10	20070508	16	10.5	85	3.7	33.8	7.8	25.9	2.50
I10	20070508	17	10.5	85	3.7	33.8	7.8	25.9	2.51
I10	20070508	18	10.5	85	3.7	33.8	7.8	25.9	2.33
I10	20070508	19	10.5	85	3.7	33.8	7.8	25.9	2.36
I10	20070508	20	10.5	85	3.7	33.8	7.8	25.9	2.31
I11	20070508	1	14.8	73	6.2	33.7	8.0	25.0	0.64
I11	20070508	2	14.2	73	6.8	33.9	8.0	25.3	0.66
I11	20070508	3	13.1	70	6.6	34.5	8.0	26.0	0.64
I11	20070508	4	12.3	63	6.5	34.7	8.0	26.3	0.73
I11	20070508	5	11.5	79	6.4	34.9	7.9	26.6	0.99
I11	20070508	6	11.0	84	6.4	34.3	7.8	26.2	1.44
I11	20070508	7	10.8	84	6.0	33.9	7.8	26.0	8.68
I11	20070508	8	10.8	84	4.6	34.0	7.8	26.0	9.84
I11	20070508	9	10.8	84	3.8	34.0	7.8	26.0	8.41

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I11	20070508	10	10.8	84	3.6	34.0	7.8	26.0	6.20
I11	20070508	11	10.8	84	3.5	33.9	7.8	25.9	3.15
I11	20070508	12	10.8	84	3.5	33.8	7.8	25.9	2.95
I11	20070508	13	10.8	84	3.5	33.8	7.8	25.9	2.68
I12	20070510	1	16.0	77	8.9	33.7	8.2	24.8	2.22
I12	20070510	2	15.9	78	8.9	33.7	8.2	24.8	2.30
I12	20070510	3	15.9	78	8.9	33.7	8.2	24.8	2.73
I12	20070510	4	15.7	77	8.9	33.7	8.2	24.9	3.51
I12	20070510	5	15.5	76	9.0	33.7	8.2	24.9	6.43
I12	20070510	6	14.5	53	9.2	33.8	8.2	25.1	46.83
I12	20070510	7	13.1	70	8.2	33.8	8.0	25.4	17.88
I12	20070510	8	12.3	77	6.9	33.8	7.9	25.6	9.74
I12	20070510	9	11.6	84	5.7	33.8	7.8	25.7	5.93
I12	20070510	10	11.3	86	4.8	33.8	7.8	25.8	4.95
I12	20070510	11	11.1	86	4.1	33.8	7.8	25.8	4.54
I12	20070510	12	11.0	87	3.9	33.8	7.8	25.8	4.12
I12	20070510	13	10.9	87	3.8	33.8	7.8	25.8	3.70
I12	20070510	14	10.8	87	3.8	33.8	7.8	25.8	3.32
I12	20070510	15	10.8	88	3.8	33.8	7.8	25.8	3.26
I12	20070510	16	10.8	87	3.8	33.7	7.8	25.8	3.05
I12	20070510	17	10.7	88	3.8	33.8	7.8	25.9	2.84
I12	20070510	18	10.7	88	3.8	33.8	7.8	25.9	2.78
I12	20070510	19	10.7	89	3.8	33.8	7.8	25.9	2.76
I12	20070510	20	10.7	89	3.8	33.8	7.8	25.9	2.73
I12	20070510	21	10.7	89	3.8	33.8	7.8	25.9	2.70
I12	20070510	22	10.6	89	3.8	33.8	7.8	25.9	2.78
I12	20070510	23	10.5	89	3.9	33.8	7.8	25.9	2.53
I12	20070510	24	10.4	89	3.8	33.8	7.8	25.9	2.14
I12	20070510	25	10.4	89	3.8	33.8	7.8	26.0	1.94
I12	20070510	26	10.4	89	3.8	33.8	7.8	26.0	1.82
I12	20070510	27	10.4	89	3.7	33.8	7.8	26.0	1.79
I12	20070510	28	10.4	89	3.7	33.8	7.8	26.0	1.76
I12	20070510	29	10.4	89	3.7	33.8	7.8	26.0	1.87
I13	20070508	1	16.4	89	8.6	33.7	8.3	24.7	1.14
I13	20070508	2	16.1	79	8.7	33.7	8.3	24.7	1.18
I13	20070508	3	15.7	80	8.8	33.7	8.3	24.8	1.44
I13	20070508	4	14.8	80	8.8	33.7	8.3	25.0	1.90
I13	20070508	5	14.1	79	8.6	33.7	8.2	25.2	2.63
I13	20070508	6	13.5	76	8.5	33.7	8.2	25.3	4.72
I13	20070508	7	13.1	72	8.4	33.7	8.2	25.4	9.18
I13	20070508	8	13.0	67	8.3	33.7	8.2	25.4	11.51
I13	20070508	9	12.8	70	7.9	33.7	8.1	25.5	10.83
I13	20070508	10	12.3	72	7.2	33.7	8.0	25.5	8.35
I13	20070508	11	12.2	77	6.2	33.7	8.0	25.6	6.82
I13	20070508	12	12.0	81	5.8	33.8	8.0	25.6	6.05

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I13	20070508	13	11.9	82	5.6	33.8	8.0	25.7	5.56
I13	20070508	14	11.7	83	5.3	33.8	8.0	25.7	4.87
I13	20070508	15	11.5	84	5.0	33.8	7.9	25.7	3.98
I13	20070508	16	11.4	85	4.6	33.8	7.9	25.8	3.58
I13	20070508	17	11.0	86	4.4	33.8	7.9	25.8	3.21
I13	20070508	18	10.8	86	4.1	33.8	7.9	25.9	3.11
I13	20070508	19	10.7	87	4.0	33.8	7.9	25.9	2.87
I13	20070508	20	10.7	87	4.0	33.8	7.9	25.9	2.39
I13	20070508	21	10.6	87	4.0	33.8	7.9	25.9	2.18
I13	20070508	22	10.6	87	4.0	33.8	7.9	25.9	2.11
I13	20070508	23	10.6	87	4.0	33.8	7.9	25.9	2.15
I13	20070508	24	10.6	88	4.0	33.8	7.9	25.9	2.11
I13	20070508	25	10.6	88	4.0	33.8	7.9	25.9	2.16
I13	20070508	26	10.6	88	3.9	33.8	7.9	25.9	2.20
I13	20070508	27	10.6	88	3.9	33.8	7.9	25.9	2.19
I13	20070508	28	10.6	88	3.9	33.8	7.8	25.9	2.17
I13	20070508	29	10.5	88	3.8	33.8	7.8	25.9	1.91
I13	20070508	30	10.5	88	3.8	33.8	7.9	25.9	1.72
I13	20070508	31	10.4	88	3.9	33.8	7.8	25.9	1.47
I13	20070508	32	10.4	88	3.8	33.8	7.8	25.9	1.34
I13	20070508	33	10.4	88	3.8	33.8	7.8	26.0	1.34
I13	20070508	34	10.3	88	3.8	33.8	7.8	26.0	1.14
I13	20070508	35	10.2	88	3.7	33.8	7.8	26.0	0.98
I13	20070508	36	10.2	88	3.6	33.8	7.8	26.0	0.91
I13	20070508	37	10.2	88	3.6	33.8	7.8	26.0	0.88
I13	20070508	38	10.2	88	3.6	33.8	7.8	26.0	0.82
I14	20070510	1	16.1	78	9.1	33.7	8.2	24.8	1.95
I14	20070510	2	16.1	78	9.1	33.7	8.2	24.8	1.93
I14	20070510	3	16.0	78	9.1	33.7	8.2	24.8	2.44
I14	20070510	4	15.8	77	9.1	33.7	8.2	24.8	3.87
I14	20070510	5	14.7	58	9.3	33.8	8.2	25.1	24.74
I14	20070510	6	12.5	75	8.4	33.8	8.0	25.6	8.69
I14	20070510	7	11.6	83	6.3	33.8	7.9	25.7	4.09
I14	20070510	8	11.1	86	4.9	33.8	7.8	25.8	2.83
I14	20070510	9	11.0	88	4.1	33.8	7.8	25.8	2.52
I14	20070510	10	10.9	87	3.8	33.8	7.8	25.9	2.58
I14	20070510	11	10.8	88	3.8	33.8	7.8	25.9	2.47
I14	20070510	12	10.7	89	3.7	33.8	7.8	25.9	2.42
I14	20070510	13	10.7	89	3.7	33.8	7.8	25.9	2.43
I14	20070510	14	10.7	89	3.7	33.8	7.8	25.9	2.49
I14	20070510	15	10.7	89	3.7	33.8	7.8	25.9	2.50
I14	20070510	16	10.6	89	3.7	33.8	7.8	25.9	2.52
I14	20070510	17	10.6	89	3.8	33.8	7.8	25.9	2.44
I14	20070510	18	10.6	89	3.8	33.8	7.8	25.9	2.48
I14	20070510	19	10.5	89	3.9	33.8	7.8	25.9	2.48

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I14	20070510	20	10.4	89	3.9	33.8	7.8	25.9	2.30
I14	20070510	21	10.4	89	3.9	33.8	7.8	25.9	2.23
I14	20070510	22	10.4	89	3.9	33.8	7.8	26.0	2.10
I14	20070510	23	10.4	89	3.8	33.8	7.8	26.0	1.92
I14	20070510	24	10.4	89	3.8	33.8	7.8	26.0	1.83
I14	20070510	25	10.4	89	3.8	33.8	7.8	26.0	1.86
I14	20070510	26	10.4	89	3.8	33.8	7.8	26.0	1.84
I14	20070510	27	10.4	89	3.8	33.8	7.8	26.0	1.82
I14	20070510	28	10.4	89	3.8	33.8	7.8	26.0	1.90
I15	20070510	1	15.8	74	9.2	33.7	8.2	24.8	3.77
I15	20070510	2	15.7	74	9.2	33.7	8.2	24.8	4.09
I15	20070510	3	15.7	74	9.2	33.7	8.2	24.8	4.67
I15	20070510	4	15.7	74	9.2	33.7	8.2	24.9	5.50
I15	20070510	5	15.6	74	9.2	33.7	8.2	24.9	7.21
I15	20070510	6	15.3	72	9.3	33.8	8.2	24.9	18.69
I15	20070510	7	14.1	68	8.8	33.8	8.1	25.2	18.68
I15	20070510	8	12.8	74	7.8	33.8	8.0	25.5	11.94
I15	20070510	9	12.7	80	6.5	33.8	7.9	25.5	8.80
I15	20070510	10	11.7	85	5.9	33.8	7.8	25.7	4.77
I15	20070510	11	11.4	87	4.9	33.8	7.8	25.8	4.20
I15	20070510	12	11.0	88	4.2	33.8	7.8	25.8	3.85
I15	20070510	13	11.0	88	3.9	33.8	7.8	25.8	3.38
I15	20070510	14	10.9	88	3.7	33.8	7.8	25.9	3.03
I15	20070510	15	10.8	89	3.7	33.8	7.8	25.9	2.84
I15	20070510	16	10.7	89	3.6	33.8	7.8	25.9	2.79
I15	20070510	17	10.6	89	3.7	33.8	7.8	25.9	3.03
I15	20070510	18	10.6	89	3.7	33.8	7.8	25.9	2.75
I15	20070510	19	10.6	89	3.8	33.8	7.8	25.9	2.57
I15	20070510	20	10.6	89	3.8	33.8	7.8	25.9	2.53
I15	20070510	21	10.5	89	3.8	33.8	7.8	25.9	2.47
I15	20070510	22	10.5	89	3.8	33.8	7.8	25.9	2.43
I15	20070510	23	10.4	89	3.8	33.8	7.8	25.9	2.17
I15	20070510	24	10.4	89	3.8	33.8	7.8	26.0	1.97
I15	20070510	25	10.4	89	3.8	33.8	7.8	26.0	1.88
I15	20070510	26	10.4	89	3.8	33.8	7.8	26.0	1.76
I15	20070510	27	10.4	89	3.8	33.8	7.8	26.0	1.67
I15	20070510	28	10.4	89	3.8	33.8	7.8	26.0	1.70
I15	20070510	29	10.4	89	3.8	33.8	7.8	26.0	1.63
I15	20070510	30	10.4	89	3.8	33.8	7.8	26.0	1.60
I15	20070510	31	10.4	89	3.8	33.8	7.8	26.0	1.63
I16	20070510	1	15.9	77	8.9	33.7	8.2	24.8	2.86
I16	20070510	2	15.9	77	8.9	33.7	8.2	24.8	2.92
I16	20070510	3	15.8	77	8.9	33.7	8.2	24.8	3.65
I16	20070510	4	15.6	77	9.0	33.7	8.2	24.9	5.26
I16	20070510	5	15.3	76	9.1	33.8	8.2	24.9	11.87

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I16	20070510	6	13.7	71	8.5	33.8	8.1	25.3	18.50
I16	20070510	7	11.8	71	7.8	33.8	8.0	25.7	7.75
I16	20070510	8	11.4	78	5.8	33.8	7.8	25.8	4.36
I16	20070510	9	11.1	80	4.8	33.8	7.8	25.8	4.05
I16	20070510	10	11.1	82	3.9	33.8	7.8	25.8	4.01
I16	20070510	11	11.0	86	3.9	33.8	7.8	25.8	3.63
I16	20070510	12	10.9	87	3.7	33.8	7.8	25.9	3.26
I16	20070510	13	10.8	87	3.7	33.8	7.8	25.9	3.08
I16	20070510	14	10.7	88	3.7	33.8	7.8	25.9	2.94
I16	20070510	15	10.7	88	3.7	33.8	7.8	25.9	2.79
I16	20070510	16	10.7	89	3.8	33.8	7.8	25.9	2.67
I16	20070510	17	10.7	89	3.8	33.8	7.8	25.9	2.68
I16	20070510	18	10.6	89	3.8	33.8	7.8	25.9	2.64
I16	20070510	19	10.6	89	3.8	33.8	7.8	25.9	2.55
I16	20070510	20	10.5	89	3.8	33.8	7.8	25.9	2.43
I16	20070510	21	10.5	89	3.9	33.8	7.8	25.9	2.40
I16	20070510	22	10.4	89	3.8	33.8	7.8	26.0	2.22
I16	20070510	23	10.4	89	3.8	33.8	7.8	26.0	2.05
I16	20070510	24	10.4	89	3.8	33.8	7.8	26.0	2.03
I16	20070510	25	10.4	89	3.8	33.8	7.8	26.0	1.89
I16	20070510	26	10.4	89	3.8	33.8	7.8	26.0	1.84
I16	20070510	27	10.4	89	3.7	33.8	7.8	26.0	1.82
I16	20070510	28	10.4	89	3.7	33.8	7.8	26.0	1.96
I17	20070510	1	15.9	78	8.7	33.7	8.2	24.8	2.32
I17	20070510	2	15.8	78	8.7	33.7	8.2	24.8	2.63
I17	20070510	3	15.7	78	8.8	33.7	8.2	24.8	3.20
I17	20070510	4	15.6	77	8.8	33.7	8.2	24.9	4.30
I17	20070510	5	14.9	70	8.9	33.8	8.2	25.0	11.95
I17	20070510	6	13.2	70	8.5	33.8	8.0	25.4	15.92
I17	20070510	7	11.7	82	7.0	33.8	7.9	25.8	8.22
I17	20070510	8	11.2	86	5.3	33.8	7.8	25.8	3.98
I17	20070510	9	11.1	87	4.2	33.8	7.8	25.8	3.72
I17	20070510	10	11.1	87	3.9	33.8	7.8	25.8	3.49
I17	20070510	11	11.0	88	3.8	33.8	7.8	25.8	3.27
I17	20070510	12	10.9	88	3.8	33.8	7.8	25.9	3.01
I17	20070510	13	10.8	89	3.7	33.8	7.8	25.9	2.89
I17	20070510	14	10.8	89	3.7	33.8	7.8	25.9	2.86
I17	20070510	15	10.8	89	3.8	33.8	7.8	25.9	2.85
I17	20070510	16	10.7	89	3.8	33.8	7.8	25.9	2.79
I17	20070510	17	10.7	89	3.8	33.8	7.8	25.9	2.72
I17	20070510	18	10.6	89	3.9	33.8	7.8	25.9	2.69
I17	20070510	19	10.6	89	3.9	33.8	7.8	25.9	2.57
I17	20070510	20	10.5	89	3.9	33.8	7.8	25.9	2.50
I17	20070510	21	10.4	89	3.8	33.8	7.8	25.9	2.29
I17	20070510	22	10.4	89	3.8	33.8	7.8	25.9	2.05

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I17	20070510	23	10.4	89	3.7	33.8	7.8	25.9	2.05
I17	20070510	24	10.4	89	3.7	33.8	7.8	25.9	2.06
I17	20070510	25	10.4	89	3.7	33.8	7.8	25.9	2.14
I17	20070510	26	10.5	89	3.6	33.8	7.8	25.9	2.29
I18	20070510	1	15.9	74	8.9	33.7	8.2	24.8	2.89
I18	20070510	2	15.9	76	8.9	33.7	8.2	24.8	3.33
I18	20070510	3	15.9	76	8.9	33.7	8.2	24.8	3.66
I18	20070510	4	15.1	76	9.0	33.8	8.2	25.0	4.77
I18	20070510	5	14.1	76	8.6	33.8	8.1	25.2	12.34
I18	20070510	6	13.0	74	8.6	33.8	8.2	25.5	35.69
I18	20070510	7	11.8	65	7.4	33.8	7.9	25.7	9.16
I18	20070510	8	11.5	69	5.4	33.8	7.8	25.7	6.10
I18	20070510	9	11.3	76	4.6	33.8	7.8	25.8	4.84
I18	20070510	10	11.2	80	4.2	33.8	7.8	25.8	4.03
I18	20070510	11	11.1	82	4.0	33.8	7.8	25.8	3.54
I18	20070510	12	11.0	85	3.9	33.8	7.8	25.8	3.24
I18	20070510	13	10.9	86	3.9	33.8	7.8	25.8	3.09
I18	20070510	14	10.7	88	3.9	33.8	7.8	25.9	3.09
I18	20070510	15	10.6	88	4.0	33.8	7.8	25.9	3.13
I18	20070510	16	10.6	88	4.1	33.8	7.8	25.9	3.49
I18	20070510	17	10.5	88	4.0	33.8	7.8	25.9	3.32
I18	20070510	18	10.5	88	3.9	33.8	7.8	25.9	3.06
I18	20070510	19	10.5	88	3.8	33.8	7.8	25.9	2.82
I18	20070510	20	10.5	88	3.7	33.8	7.8	25.9	2.87
I19	20070510	1	12.9	70	5.6	33.8	7.9	25.5	3.90
I19	20070510	2	12.2	71	5.5	33.8	7.9	25.6	3.97
I19	20070510	3	11.8	72	4.9	33.8	7.8	25.7	3.98
I19	20070510	4	11.5	72	4.5	33.8	7.8	25.7	4.18
I19	20070510	5	11.0	72	4.1	33.8	7.7	25.8	3.83
I19	20070510	6	10.9	72	3.5	33.8	7.7	25.9	4.33
I19	20070510	7	10.9	70	3.1	33.8	7.7	25.9	5.36
I19	20070510	8	10.8	71	3.2	33.8	7.7	25.9	5.30
I19	20070510	9	10.8	72	3.2	33.8	7.7	25.9	5.42
I19	20070510	10	10.8	72	3.1	33.8	7.7	25.9	5.65
I19	20070510	11	10.8	72	3.1	33.8	7.7	25.9	6.65
I2	20070508	1	16.0	76	8.4	33.7	8.3	24.8	3.46
I2	20070508	2	16.0	76	8.4	33.7	8.3	24.8	3.42
I2	20070508	3	14.7	79	8.6	33.7	8.3	25.1	3.48
I2	20070508	4	13.8	80	9.1	33.7	8.3	25.3	3.43
I2	20070508	5	13.2	81	9.6	33.7	8.3	25.4	7.85
I2	20070508	6	12.7	78	9.3	33.7	8.2	25.5	31.83
I2	20070508	7	12.4	64	7.5	33.7	8.0	25.5	18.18
I2	20070508	8	12.1	73	6.3	33.7	8.0	25.6	9.48
I2	20070508	9	11.9	81	5.7	33.7	8.0	25.6	7.40
I2	20070508	10	11.7	84	5.3	33.7	8.0	25.7	6.30

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I2	20070508	11	11.6	85	5.1	33.7	7.9	25.7	5.65
I2	20070508	12	11.5	86	4.8	33.7	7.9	25.7	5.41
I2	20070508	13	11.5	86	4.8	33.7	7.9	25.7	4.82
I2	20070508	14	11.3	87	4.7	33.7	7.9	25.7	3.99
I2	20070508	15	11.1	88	4.6	33.7	7.9	25.8	3.51
I2	20070508	16	11.0	88	4.4	33.7	7.9	25.8	3.48
I2	20070508	17	10.9	88	4.3	33.7	7.9	25.8	3.42
I2	20070508	18	10.9	89	4.2	33.7	7.9	25.8	3.12
I2	20070508	19	10.8	89	4.2	33.8	7.9	25.8	2.96
I2	20070508	20	10.8	89	4.1	33.8	7.9	25.9	2.87
I2	20070508	21	10.6	89	4.0	33.8	7.9	25.9	2.66
I2	20070508	22	10.5	89	3.8	33.8	7.9	25.9	2.28
I2	20070508	23	10.5	89	3.8	33.8	7.9	25.9	2.02
I2	20070508	24	10.5	89	3.9	33.8	7.9	25.9	1.93
I2	20070508	25	10.5	89	3.9	33.8	7.9	25.9	1.94
I2	20070508	26	10.5	89	3.9	33.8	7.9	25.9	1.71
I2	20070508	27	10.5	89	3.9	33.8	7.9	25.9	1.71
I2	20070508	28	10.5	89	3.9	33.8	7.9	25.9	1.66
I2	20070508	29	10.5	89	3.9	33.8	7.9	25.9	1.65
I2	20070508	30	10.5	89	3.9	33.8	7.9	25.9	1.64
I2	20070508	31	10.5	89	3.9	33.8	7.9	25.9	1.67
I2	20070508	32	10.5	89	3.9	33.8	7.9	25.9	1.66
I2	20070508	33	10.5	89	3.9	33.8	7.9	25.9	1.69
I20	20070508	1	16.2	82	8.6	33.7	8.2	24.7	1.87
I20	20070508	2	16.2	82	8.7	33.7	8.2	24.7	1.84
I20	20070508	3	15.5	84	8.7	33.7	8.2	24.9	2.13
I20	20070508	4	15.1	84	8.8	33.7	8.2	25.0	2.62
I20	20070508	5	14.5	84	8.9	33.7	8.2	25.1	4.10
I20	20070508	6	13.9	81	8.7	33.7	8.2	25.2	5.91
I20	20070508	7	13.4	80	8.4	33.7	8.2	25.3	8.91
I20	20070508	8	12.7	78	7.9	33.7	8.1	25.5	11.01
I20	20070508	9	12.5	78	6.7	33.7	8.0	25.5	13.23
I20	20070508	10	12.2	77	6.6	33.7	8.0	25.5	12.70
I20	20070508	11	12.2	79	6.0	33.7	8.0	25.5	12.82
I20	20070508	12	11.9	80	5.9	33.7	8.0	25.6	9.84
I20	20070508	13	11.8	82	5.4	33.7	7.9	25.6	9.57
I20	20070508	14	11.7	84	5.2	33.7	7.9	25.6	8.73
I20	20070508	15	11.7	84	5.0	33.7	7.9	25.6	7.60
I20	20070508	16	11.7	85	4.9	33.7	7.9	25.6	6.56
I20	20070508	17	11.7	85	4.8	33.7	7.9	25.7	5.72
I20	20070508	18	11.6	86	4.8	33.7	7.9	25.7	4.98
I20	20070508	19	11.5	86	4.7	33.7	7.9	25.7	4.80
I20	20070508	20	11.4	87	4.6	33.7	7.9	25.7	4.44
I20	20070508	21	11.3	87	4.5	33.7	7.9	25.8	3.89
I20	20070508	22	11.1	88	4.4	33.8	7.9	25.8	3.54

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I20	20070508	23	10.9	88	4.3	33.8	7.9	25.8	3.07
I20	20070508	24	10.9	89	4.1	33.8	7.8	25.8	2.71
I20	20070508	25	10.8	89	4.1	33.8	7.8	25.8	2.46
I20	20070508	26	10.8	89	4.0	33.8	7.8	25.8	2.41
I20	20070508	27	10.7	89	4.0	33.8	7.8	25.9	2.27
I20	20070508	28	10.7	90	4.0	33.8	7.8	25.9	2.04
I20	20070508	29	10.6	90	4.0	33.8	7.8	25.9	1.96
I20	20070508	30	10.6	90	4.0	33.8	7.8	25.9	1.90
I20	20070508	31	10.5	90	4.0	33.8	7.8	25.9	1.80
I20	20070508	32	10.5	90	4.1	33.8	7.9	25.9	1.58
I20	20070508	33	10.5	90	4.1	33.8	7.8	25.9	1.46
I20	20070508	34	10.5	90	4.1	33.8	7.8	25.9	1.26
I20	20070508	35	10.4	90	4.0	33.8	7.8	25.9	1.10
I20	20070508	36	10.4	90	3.9	33.8	7.8	25.9	0.92
I20	20070508	37	10.4	90	3.8	33.8	7.8	26.0	0.76
I20	20070508	38	10.3	90	3.8	33.8	7.8	26.0	0.71
I20	20070508	39	10.3	90	3.8	33.8	7.8	26.0	0.68
I20	20070508	40	10.3	90	3.8	33.8	7.8	26.0	0.66
I20	20070508	41	10.3	90	3.8	33.8	7.8	26.0	0.59
I20	20070508	42	10.2	90	3.8	33.8	7.8	26.0	0.55
I20	20070508	43	10.2	90	3.8	33.8	7.8	26.0	0.55
I20	20070508	44	10.2	90	3.8	33.8	7.8	26.0	0.49
I20	20070508	45	10.2	90	3.7	33.9	7.8	26.0	0.48
I20	20070508	46	10.2	90	3.6	33.9	7.8	26.0	0.49
I20	20070508	47	10.2	90	3.6	33.9	7.8	26.0	0.51
I20	20070508	48	10.2	90	3.5	33.9	7.8	26.0	0.51
I20	20070508	49	10.2	90	3.5	33.9	7.8	26.0	0.47
I20	20070508	50	10.1	90	3.5	33.9	7.8	26.1	0.39
I20	20070508	51	10.1	90	3.5	33.9	7.8	26.1	0.43
I20	20070508	52	10.1	90	3.5	33.9	7.8	26.1	0.51
I20	20070508	53	10.1	89	3.4	33.9	7.8	26.1	0.54
I20	20070508	54	10.1	89	3.4	33.9	7.8	26.1	0.62
I20	20070508	55	10.1	89	3.4	33.9	7.8	26.1	0.62
I21	20070508	1	16.3	77	8.7	33.7	8.3	24.7	1.24
I21	20070508	2	16.7	78	8.6	33.7	8.3	24.6	1.34
I21	20070508	3	15.8	78	8.7	33.7	8.3	24.8	1.39
I21	20070508	4	15.1	80	8.7	33.7	8.3	24.9	1.41
I21	20070508	5	14.8	81	8.9	33.7	8.3	25.0	1.89
I21	20070508	6	14.5	80	8.8	33.7	8.2	25.1	2.44
I21	20070508	7	14.4	79	8.8	33.7	8.2	25.1	3.07
I21	20070508	8	13.9	78	8.7	33.7	8.2	25.2	5.55
I21	20070508	9	13.2	74	8.5	33.7	8.2	25.4	20.41
I21	20070508	10	12.9	66	8.3	33.7	8.2	25.4	30.12
I21	20070508	11	12.7	61	8.1	33.7	8.2	25.5	20.50
I21	20070508	12	12.3	68	7.5	33.7	8.1	25.5	13.35

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I21	20070508	13	11.9	78	6.5	33.8	8.0	25.6	8.04
I21	20070508	14	11.7	82	5.6	33.8	7.9	25.7	5.79
I21	20070508	15	11.5	84	5.1	33.8	7.9	25.7	4.48
I21	20070508	16	11.4	85	4.8	33.8	7.9	25.8	4.30
I21	20070508	17	11.3	86	4.6	33.8	7.9	25.8	4.04
I21	20070508	18	11.3	86	4.5	33.8	7.9	25.8	3.84
I21	20070508	19	11.1	86	4.3	33.8	7.9	25.8	3.34
I21	20070508	20	10.9	87	4.2	33.8	7.9	25.9	3.14
I21	20070508	21	10.7	87	4.0	33.8	7.8	25.9	3.20
I21	20070508	22	10.7	87	3.9	33.8	7.8	25.9	2.94
I21	20070508	23	10.7	87	3.8	33.8	7.8	25.9	2.83
I21	20070508	24	10.7	87	3.7	33.8	7.8	25.9	2.57
I21	20070508	25	10.5	88	3.7	33.8	7.8	25.9	2.26
I21	20070508	26	10.5	88	3.7	33.8	7.8	25.9	1.86
I21	20070508	27	10.4	88	3.7	33.8	7.8	26.0	1.54
I21	20070508	28	10.4	88	3.7	33.8	7.8	26.0	1.33
I21	20070508	29	10.3	88	3.7	33.8	7.8	26.0	1.15
I21	20070508	30	10.3	88	3.7	33.8	7.8	26.0	0.90
I21	20070508	31	10.2	88	3.7	33.8	7.8	26.0	0.94
I21	20070508	32	10.2	88	3.7	33.8	7.8	26.0	0.79
I21	20070508	33	10.2	88	3.7	33.9	7.8	26.0	0.68
I21	20070508	34	10.2	88	3.6	33.9	7.8	26.0	0.66
I21	20070508	35	10.2	88	3.6	33.9	7.8	26.0	0.65
I21	20070508	36	10.1	88	3.6	33.9	7.8	26.0	0.62
I21	20070508	37	10.2	88	3.6	33.9	7.8	26.0	0.67
I21	20070508	38	10.2	88	3.6	33.9	7.8	26.0	0.63
I21	20070508	39	10.2	88	3.5	33.9	7.8	26.0	0.62
I21	20070508	40	10.2	88	3.5	33.9	7.8	26.0	0.62
I21	20070508	41	10.2	88	3.5	33.9	7.8	26.0	0.65
I22	20070510	1	16.2	77	9.2	33.7	8.2	24.7	1.97
I22	20070510	2	16.1	79	9.2	33.7	8.2	24.7	2.14
I22	20070510	3	15.8	78	9.2	33.7	8.2	24.8	4.35
I22	20070510	4	15.4	69	9.3	33.8	8.2	24.9	11.90
I22	20070510	5	13.5	66	9.4	33.8	8.1	25.4	16.84
I22	20070510	6	12.1	82	7.2	33.8	7.9	25.6	7.26
I22	20070510	7	11.3	83	6.2	33.8	7.8	25.8	3.89
I22	20070510	8	11.2	87	4.7	33.8	7.8	25.8	2.99
I22	20070510	9	10.9	88	4.2	33.8	7.8	25.9	2.17
I22	20070510	10	10.8	89	3.8	33.8	7.8	25.9	1.93
I22	20070510	11	10.7	89	3.7	33.8	7.8	25.9	2.01
I22	20070510	12	10.7	89	3.7	33.8	7.8	25.9	2.05
I22	20070510	13	10.6	89	3.7	33.8	7.8	25.9	2.08
I22	20070510	14	10.6	89	3.7	33.8	7.8	25.9	2.13
I22	20070510	15	10.6	89	3.7	33.8	7.8	25.9	2.10
I22	20070510	16	10.5	89	3.8	33.8	7.8	25.9	2.04

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I22	20070510	17	10.4	89	3.8	33.8	7.8	26.0	1.89
I22	20070510	18	10.4	89	3.8	33.8	7.8	26.0	1.89
I22	20070510	19	10.4	89	3.8	33.8	7.8	26.0	1.72
I22	20070510	20	10.4	89	3.8	33.8	7.8	26.0	1.64
I22	20070510	21	10.4	89	3.8	33.8	7.8	26.0	1.62
I22	20070510	22	10.4	89	3.8	33.8	7.8	26.0	1.64
I22	20070510	23	10.4	89	3.8	33.8	7.8	26.0	1.66
I22	20070510	24	10.4	89	3.8	33.8	7.8	26.0	1.65
I22	20070510	25	10.4	89	3.8	33.8	7.8	26.0	1.61
I22	20070510	26	10.4	89	3.8	33.8	7.8	26.0	1.68
I22	20070510	27	10.4	89	3.8	33.8	7.8	26.0	1.66
I22	20070510	28	10.4	89	3.8	33.8	7.8	26.0	1.86
I23	20070510	1	15.5	71	8.3	33.7	8.2	24.9	2.02
I23	20070510	2	14.8	72	8.4	33.7	8.2	25.1	8.27
I23	20070510	3	12.7	73	8.2	33.8	8.0	25.5	8.66
I23	20070510	4	11.3	72	6.0	33.8	7.8	25.8	2.81
I23	20070510	5	11.2	78	4.5	33.8	7.8	25.8	2.38
I23	20070510	6	11.1	79	4.1	33.8	7.8	25.8	2.21
I23	20070510	7	11.0	81	4.0	33.8	7.8	25.8	2.23
I23	20070510	8	11.0	82	3.9	33.8	7.8	25.8	2.32
I23	20070510	9	10.9	85	3.9	33.8	7.8	25.8	2.46
I23	20070510	10	10.7	87	3.9	33.8	7.8	25.9	2.51
I23	20070510	11	10.6	87	4.0	33.8	7.8	25.9	2.80
I23	20070510	12	10.6	87	4.0	33.8	7.8	25.9	2.82
I23	20070510	13	10.6	87	3.9	33.8	7.8	25.9	2.47
I23	20070510	14	10.5	87	3.7	33.8	7.8	25.9	2.22
I23	20070510	15	10.5	87	3.7	33.8	7.8	25.9	2.28
I23	20070510	16	10.5	87	3.7	33.8	7.7	25.9	2.33
I23	20070510	17	10.5	87	3.7	33.8	7.8	25.9	2.36
I23	20070510	18	10.5	87	3.7	33.8	7.7	25.9	2.45
I23	20070510	19	10.5	87	3.7	33.8	7.7	25.9	2.50
I23	20070510	20	10.5	87	3.7	33.8	7.7	25.9	2.58
I23	20070510	21	10.5	87	3.7	33.8	7.7	25.9	2.67
I24	20070510	1	17.0	68	8.7	33.7	8.2	24.5	12.18
I24	20070510	2	15.8	68	8.8	33.7	8.2	24.8	15.91
I24	20070510	3	13.3	67	7.5	33.8	8.0	25.4	13.99
I24	20070510	4	12.1	68	5.5	33.8	7.8	25.6	7.80
I24	20070510	5	11.9	72	4.8	33.8	7.8	25.7	4.50
I24	20070510	6	11.6	75	4.4	33.8	7.8	25.7	3.03
I24	20070510	7	11.3	78	3.8	33.8	7.7	25.8	2.59
I24	20070510	8	11.0	80	3.5	33.8	7.7	25.8	3.07
I24	20070510	9	10.9	81	3.2	33.8	7.7	25.8	3.10
I24	20070510	10	10.9	80	3.1	33.8	7.7	25.9	3.10
I24	20070510	11	10.9	79	3.0	33.8	7.7	25.9	3.03
I25	20070510	1	15.9	70	8.1	33.7	8.2	24.8	14.06

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I25	20070510	2	13.2	70	8.3	33.8	8.1	25.4	19.21
I25	20070510	3	11.8	73	7.0	33.8	7.9	25.7	12.14
I25	20070510	4	11.6	80	5.4	33.8	7.8	25.7	5.84
I25	20070510	5	11.5	83	4.5	33.8	7.8	25.7	3.64
I25	20070510	6	11.3	82	4.1	33.8	7.8	25.8	2.58
I25	20070510	7	11.1	83	3.8	33.8	7.7	25.8	1.99
I25	20070510	8	11.1	81	3.3	33.8	7.7	25.8	1.80
I25	20070510	9	11.1	80	3.1	33.8	7.7	25.8	1.86
I26	20070510	1	16.4	64	8.6	33.7	8.2	24.7	19.16
I26	20070510	2	16.5	66	8.6	33.7	8.2	24.7	20.20
I26	20070510	3	16.5	67	8.7	33.7	8.2	24.7	22.34
I26	20070510	4	14.8	62	8.6	33.8	8.1	25.1	38.66
I26	20070510	5	11.8	71	7.4	33.8	7.8	25.7	18.74
I26	20070510	6	11.2	81	5.3	33.8	7.8	25.8	8.21
I26	20070510	7	10.9	84	4.2	33.8	7.8	25.9	4.03
I26	20070510	8	10.9	83	3.9	33.8	7.8	25.9	3.64
I26	20070510	9	10.9	84	3.7	33.8	7.7	25.9	2.89
I27	20070510	1	15.8	78	9.1	33.7	8.2	24.8	4.80
I27	20070510	2	15.8	78	9.1	33.7	8.2	24.8	5.33
I27	20070510	3	15.8	78	9.2	33.7	8.2	24.8	6.77
I27	20070510	4	15.7	77	9.2	33.7	8.2	24.8	9.16
I27	20070510	5	15.1	76	9.2	33.7	8.2	25.0	39.83
I27	20070510	6	14.0	72	8.8	33.8	8.1	25.2	40.12
I27	20070510	7	12.1	68	7.7	33.8	7.9	25.6	9.78
I27	20070510	8	11.3	79	6.6	33.8	7.8	25.8	6.33
I27	20070510	9	11.4	80	4.5	33.8	7.8	25.8	5.14
I27	20070510	10	10.9	85	4.5	33.8	7.8	25.9	3.18
I27	20070510	11	10.9	87	4.0	33.8	7.8	25.9	2.89
I27	20070510	12	10.7	89	3.8	33.8	7.8	25.9	2.18
I27	20070510	13	10.7	89	3.7	33.8	7.8	25.9	2.32
I27	20070510	14	10.7	89	3.7	33.8	7.8	25.9	2.33
I27	20070510	15	10.6	89	3.7	33.8	7.8	25.9	2.18
I27	20070510	16	10.5	89	3.7	33.8	7.8	25.9	2.17
I27	20070510	17	10.5	89	3.8	33.8	7.8	25.9	2.22
I27	20070510	18	10.4	89	3.8	33.8	7.8	25.9	2.16
I27	20070510	19	10.4	89	3.8	33.8	7.8	26.0	2.07
I27	20070510	20	10.4	89	3.8	33.8	7.8	26.0	1.89
I27	20070510	21	10.3	89	3.8	33.8	7.8	26.0	1.78
I27	20070510	22	10.3	89	3.8	33.8	7.8	26.0	1.67
I27	20070510	23	10.3	89	3.8	33.8	7.8	26.0	1.62
I27	20070510	24	10.3	89	3.8	33.8	7.8	26.0	1.58
I27	20070510	25	10.3	89	3.7	33.8	7.8	26.0	1.56
I27	20070510	26	10.3	89	3.7	33.8	7.8	26.0	1.56
I27	20070510	27	10.3	89	3.7	33.8	7.8	26.0	1.56
I27	20070510	28	10.3	89	3.7	33.8	7.8	26.0	1.54

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
				%					
I27	20070510	29	10.3	89	3.7	33.8	7.8	26.0	1.57
I28	20070509	1	17.7	75	8.7	33.7	8.3	24.4	2.21
I28	20070509	2	17.4	76	8.7	33.7	8.3	24.4	2.29
I28	20070509	3	17.1	76	8.8	33.7	8.3	24.5	2.82
I28	20070509	4	16.7	77	9.0	33.7	8.2	24.6	3.93
I28	20070509	5	15.4	77	9.2	33.7	8.2	24.9	5.56
I28	20070509	6	14.3	77	9.3	33.7	8.2	25.1	6.39
I28	20070509	7	13.4	79	9.2	33.7	8.2	25.3	9.15
I28	20070509	8	13.3	78	9.0	33.7	8.2	25.3	14.62
I28	20070509	9	12.9	76	8.8	33.7	8.2	25.4	26.60
I28	20070509	10	12.6	72	8.2	33.7	8.1	25.5	33.44
I28	20070509	11	12.5	70	7.5	33.7	8.1	25.5	35.16
I28	20070509	12	12.4	70	7.1	33.7	8.0	25.5	33.15
I28	20070509	13	12.3	71	6.9	33.7	8.0	25.6	30.34
I28	20070509	14	12.2	72	6.6	33.7	8.0	25.6	25.10
I28	20070509	15	11.9	74	6.3	33.7	8.0	25.6	14.23
I28	20070509	16	11.7	79	5.8	33.7	7.9	25.7	9.21
I28	20070509	17	11.5	82	5.1	33.7	7.9	25.7	8.69
I28	20070509	18	11.4	83	4.6	33.8	7.8	25.7	7.85
I28	20070509	19	11.3	83	4.3	33.7	7.8	25.7	7.69
I28	20070509	20	11.3	84	4.1	33.8	7.8	25.8	6.69
I28	20070509	21	11.3	85	4.0	33.8	7.8	25.8	5.95
I28	20070509	22	11.2	85	3.9	33.8	7.8	25.8	5.69
I28	20070509	23	11.2	86	3.8	33.8	7.8	25.8	4.96
I28	20070509	24	11.2	86	3.8	33.8	7.8	25.8	4.54
I28	20070509	25	11.1	87	3.7	33.8	7.8	25.8	3.65
I28	20070509	26	11.0	87	3.7	33.8	7.8	25.8	3.12
I28	20070509	27	11.0	88	3.5	33.8	7.8	25.8	2.60
I28	20070509	28	10.9	88	3.5	33.8	7.8	25.9	2.22
I28	20070509	29	10.7	88	3.4	33.8	7.8	25.9	1.95
I28	20070509	30	10.7	89	3.4	33.8	7.8	25.9	1.98
I28	20070509	31	10.7	89	3.5	33.8	7.8	25.9	2.01
I28	20070509	32	10.6	88	3.5	33.8	7.8	25.9	1.97
I28	20070509	33	10.5	88	3.6	33.8	7.8	25.9	1.80
I28	20070509	34	10.5	89	3.6	33.8	7.8	26.0	1.81
I28	20070509	35	10.4	89	3.6	33.8	7.8	26.0	1.87
I28	20070509	36	10.4	88	3.6	33.8	7.8	26.0	1.94
I28	20070509	37	10.4	88	3.7	33.8	7.8	26.0	1.93
I28	20070509	38	10.4	88	3.7	33.8	7.8	26.0	1.83
I28	20070509	39	10.4	88	3.7	33.8	7.8	26.0	1.75
I28	20070509	40	10.3	88	3.7	33.8	7.8	26.0	1.70
I28	20070509	41	10.3	88	3.6	33.9	7.8	26.0	1.68
I28	20070509	42	10.2	87	3.6	33.9	7.8	26.0	1.45
I28	20070509	43	10.2	88	3.5	33.9	7.8	26.0	1.16
I28	20070509	44	10.1	88	3.5	33.9	7.8	26.1	1.16

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I28	20070509	45	10.1	88	3.4	33.9	7.8	26.1	1.07
I28	20070509	46	10.1	88	3.4	33.9	7.8	26.1	0.92
I28	20070509	47	10.1	88	3.4	33.9	7.8	26.1	0.78
I28	20070509	48	10.1	88	3.4	33.9	7.7	26.1	0.69
I28	20070509	49	10.0	88	3.3	33.9	7.7	26.1	0.57
I28	20070509	50	10.0	88	3.3	33.9	7.7	26.1	0.50
I28	20070509	51	10.0	88	3.3	33.9	7.7	26.1	0.48
I28	20070509	52	10.0	88	3.3	33.9	7.7	26.1	0.50
I28	20070509	53	10.0	87	3.2	33.9	7.7	26.1	0.50
I28	20070509	54	10.0	87	3.2	33.9	7.7	26.1	0.52
I28	20070509	55	10.0	87	3.2	33.9	7.7	26.1	0.51
I28	20070509	56	10.0	86	3.2	33.9	7.7	26.1	0.52
I29	20070509	1	16.3	71	8.6	33.7	8.2	24.7	5.20
I29	20070509	2	16.3	71	8.6	33.7	8.2	24.7	5.57
I29	20070509	3	16.3	72	8.6	33.7	8.2	24.7	6.48
I29	20070509	4	16.2	73	8.6	33.7	8.2	24.7	7.32
I29	20070509	5	15.8	74	8.6	33.7	8.2	24.8	7.82
I29	20070509	6	15.0	76	8.8	33.8	8.2	25.0	8.84
I29	20070509	7	13.9	77	8.6	33.8	8.1	25.3	10.29
I29	20070509	8	12.6	79	7.4	33.8	8.0	25.5	7.65
I29	20070509	9	11.8	82	6.3	33.8	7.9	25.7	5.46
I29	20070509	10	11.5	84	5.4	33.8	7.9	25.7	4.30
I29	20070509	11	11.1	85	4.9	33.8	7.9	25.8	3.20
I29	20070509	12	10.7	87	4.3	33.8	7.8	25.9	2.21
I29	20070509	13	10.6	87	4.0	33.8	7.8	25.9	2.06
I29	20070509	14	10.5	88	4.0	33.8	7.8	25.9	2.06
I29	20070509	15	10.5	89	3.8	33.8	7.8	25.9	1.98
I29	20070509	16	10.5	89	3.8	33.8	7.8	26.0	1.97
I29	20070509	17	10.5	89	3.7	33.8	7.8	26.0	2.02
I29	20070509	18	10.4	89	3.6	33.8	7.8	26.0	1.96
I29	20070509	19	10.4	90	3.6	33.8	7.8	26.0	1.98
I29	20070509	20	10.3	89	3.6	33.8	7.8	26.0	2.09
I29	20070509	21	10.3	90	3.6	33.8	7.8	26.0	1.63
I29	20070509	22	10.3	90	3.7	33.8	7.8	26.0	1.50
I29	20070509	23	10.3	90	3.7	33.8	7.8	26.0	1.33
I29	20070509	24	10.2	90	3.7	33.8	7.8	26.0	1.07
I29	20070509	25	10.2	90	3.6	33.8	7.8	26.0	1.12
I29	20070509	26	10.2	90	3.6	33.9	7.8	26.0	0.82
I29	20070509	27	10.1	90	3.6	33.9	7.8	26.0	0.77
I29	20070509	28	10.1	90	3.5	33.9	7.8	26.0	0.74
I29	20070509	29	10.1	90	3.5	33.9	7.8	26.0	0.79
I29	20070509	30	10.1	90	3.5	33.9	7.8	26.0	0.74
I29	20070509	31	10.1	90	3.5	33.9	7.8	26.0	0.75
I29	20070509	32	10.1	89	3.5	33.9	7.8	26.0	0.77
I29	20070509	33	10.1	90	3.5	33.9	7.8	26.0	0.71

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I29	20070509	34	10.1	89	3.5	33.9	7.8	26.0	0.73
I29	20070509	35	10.1	89	3.4	33.9	7.8	26.0	0.76
I29	20070509	36	10.1	89	3.4	33.9	7.8	26.0	0.80
I29	20070509	37	10.1	89	3.4	33.9	7.7	26.0	0.88
I3	20070508	1	15.8	81	8.5	33.7	8.3	24.8	2.34
I3	20070508	2	15.5	80	8.5	33.7	8.3	24.9	3.12
I3	20070508	3	15.0	79	8.5	33.7	8.3	25.0	5.58
I3	20070508	4	13.8	77	8.5	33.7	8.2	25.3	8.18
I3	20070508	5	13.1	77	8.6	33.7	8.2	25.4	16.91
I3	20070508	6	12.8	70	8.7	33.7	8.2	25.4	23.45
I3	20070508	7	12.6	70	8.5	33.7	8.2	25.5	18.01
I3	20070508	8	12.4	75	7.8	33.7	8.1	25.5	15.00
I3	20070508	9	12.0	78	7.4	33.7	8.1	25.6	9.63
I3	20070508	10	11.8	79	6.3	33.7	8.0	25.6	7.42
I3	20070508	11	11.4	85	5.9	33.7	8.0	25.7	4.61
I3	20070508	12	11.2	87	4.9	33.7	7.9	25.8	3.99
I3	20070508	13	11.1	87	4.6	33.8	7.9	25.8	4.51
I3	20070508	14	11.1	87	4.4	33.8	7.9	25.8	3.68
I3	20070508	15	10.9	88	4.1	33.8	7.9	25.9	3.12
I3	20070508	16	10.6	88	3.9	33.8	7.9	25.9	2.87
I3	20070508	17	10.6	89	3.9	33.8	7.9	25.9	2.62
I3	20070508	18	10.6	89	3.9	33.8	7.9	25.9	2.61
I3	20070508	19	10.5	89	4.0	33.8	7.9	25.9	2.55
I3	20070508	20	10.5	89	4.0	33.8	7.9	25.9	2.53
I3	20070508	21	10.5	89	4.0	33.8	7.9	25.9	2.48
I3	20070508	22	10.5	89	4.0	33.8	7.9	25.9	2.52
I3	20070508	23	10.5	89	4.0	33.8	7.9	25.9	2.47
I3	20070508	24	10.5	89	3.9	33.8	7.9	25.9	2.42
I3	20070508	25	10.5	89	3.9	33.8	7.9	25.9	2.50
I3	20070508	26	10.5	89	3.9	33.8	7.9	25.9	2.52
I3	20070508	27	10.6	89	3.9	33.8	7.9	25.9	2.24
I30	20070509	1	16.2	75	8.6	33.8	8.2	24.7	3.13
I30	20070509	2	16.0	75	8.6	33.8	8.2	24.8	3.47
I30	20070509	3	15.8	75	8.6	33.7	8.2	24.8	4.29
I30	20070509	4	15.4	76	8.8	33.8	8.2	24.9	5.38
I30	20070509	5	14.1	76	9.1	33.8	8.2	25.2	11.14
I30	20070509	6	12.7	73	9.5	33.8	8.1	25.5	7.81
I30	20070509	7	11.8	82	7.9	33.8	8.0	25.7	3.70
I30	20070509	8	11.0	87	6.1	33.8	7.9	25.9	3.02
I30	20070509	9	10.9	88	4.7	33.8	7.8	25.9	3.00
I30	20070509	10	10.8	88	4.1	33.8	7.8	25.9	3.06
I30	20070509	11	10.8	88	4.0	33.8	7.8	25.9	2.85
I30	20070509	12	10.7	89	3.9	33.8	7.8	25.9	2.63
I30	20070509	13	10.6	89	3.8	33.8	7.8	25.9	2.37
I30	20070509	14	10.5	89	3.8	33.8	7.8	25.9	2.16

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I30	20070509	15	10.5	89	3.8	33.8	7.8	25.9	2.24
I30	20070509	16	10.5	89	3.8	33.8	7.8	25.9	2.28
I30	20070509	17	10.5	89	3.7	33.8	7.8	25.9	2.24
I30	20070509	18	10.4	89	3.7	33.8	7.8	26.0	2.24
I30	20070509	19	10.4	89	3.7	33.8	7.8	26.0	2.14
I30	20070509	20	10.4	89	3.7	33.8	7.8	26.0	2.11
I30	20070509	21	10.3	89	3.8	33.8	7.8	26.0	1.81
I30	20070509	22	10.3	89	3.7	33.8	7.8	26.0	1.75
I30	20070509	23	10.3	89	3.7	33.8	7.8	26.0	1.72
I30	20070509	24	10.3	89	3.6	33.8	7.8	26.0	1.64
I30	20070509	25	10.3	89	3.6	33.8	7.8	26.0	1.53
I30	20070509	26	10.3	89	3.6	33.8	7.8	26.0	1.56
I30	20070509	27	10.3	89	3.6	33.8	7.8	26.0	1.60
I30	20070509	28	10.3	89	3.6	33.8	7.8	26.0	1.59
I31	20070509	1	17.3	75	8.7	33.7	8.2	24.5	2.56
I31	20070509	2	15.5	76	9.0	33.8	8.2	24.9	4.88
I31	20070509	3	14.1	73	10.0	33.8	8.3	25.2	20.36
I31	20070509	4	13.5	62	9.9	33.8	8.2	25.3	14.60
I31	20070509	5	12.7	75	8.8	33.8	8.1	25.5	8.52
I31	20070509	6	12.0	80	7.2	33.8	8.0	25.6	7.86
I31	20070509	7	11.5	81	6.1	33.8	7.9	25.7	5.55
I31	20070509	8	11.2	85	5.0	33.8	7.8	25.8	4.18
I31	20070509	9	10.8	87	4.5	33.8	7.8	25.9	3.59
I31	20070509	10	10.7	87	4.1	33.8	7.8	25.9	3.29
I31	20070509	11	10.6	87	4.0	33.8	7.8	25.9	3.06
I31	20070509	12	10.6	88	3.9	33.8	7.8	25.9	2.57
I31	20070509	13	10.6	89	3.9	33.8	7.8	25.9	2.34
I31	20070509	14	10.5	89	3.9	33.8	7.8	25.9	2.32
I31	20070509	15	10.5	89	3.8	33.8	7.8	25.9	2.48
I31	20070509	16	10.4	89	3.8	33.8	7.8	26.0	2.68
I31	20070509	17	10.4	88	3.8	33.8	7.8	26.0	2.54
I31	20070509	18	10.4	88	3.7	33.8	7.8	26.0	2.42
I31	20070509	19	10.4	88	3.7	33.8	7.8	26.0	2.18
I32	20070509	1	17.6	62	8.8	33.7	8.2	24.4	8.22
I32	20070509	2	17.1	66	8.9	33.8	8.2	24.5	12.17
I32	20070509	3	14.6	65	8.4	33.8	8.2	25.1	10.76
I32	20070509	4	13.3	72	7.7	33.8	8.1	25.4	7.27
I32	20070509	5	12.4	70	6.7	33.8	8.0	25.6	4.77
I32	20070509	6	12.0	75	6.0	33.8	7.8	25.6	5.40
I32	20070509	7	11.4	74	4.8	33.8	7.7	25.8	4.27
I32	20070509	8	11.1	74	3.8	33.8	7.7	25.8	4.70
I32	20070509	9	11.0	73	2.9	33.8	7.7	25.8	4.84
I32	20070509	10	11.1	73	2.6	33.8	7.7	25.8	5.63
I33	20070509	1	15.8	62	8.6	33.7	8.2	24.8	15.30
I33	20070509	2	15.8	64	8.6	33.7	8.2	24.8	18.71

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I33	20070509	3	15.7	65	8.6	33.7	8.2	24.8	28.36
I33	20070509	4	15.5	63	8.6	33.7	8.2	24.9	37.93
I33	20070509	5	15.4	59	8.4	33.8	8.2	24.9	29.62
I33	20070509	6	15.1	67	8.3	33.8	8.2	25.0	23.11
I33	20070509	7	14.7	69	8.0	33.8	8.1	25.1	12.81
I33	20070509	8	13.9	72	7.8	33.8	8.1	25.3	8.12
I33	20070509	9	13.3	76	7.0	33.8	8.0	25.4	6.47
I33	20070509	10	12.2	79	6.4	33.8	8.0	25.6	4.22
I33	20070509	11	11.5	83	5.9	33.8	7.9	25.7	3.60
I33	20070509	12	11.1	84	5.1	33.8	7.9	25.8	2.80
I33	20070509	13	10.6	86	4.7	33.8	7.8	25.9	2.36
I33	20070509	14	10.5	88	4.3	33.8	7.8	26.0	2.11
I33	20070509	15	10.4	86	3.9	33.8	7.8	26.0	2.23
I33	20070509	16	10.3	87	3.9	33.9	7.8	26.0	2.21
I33	20070509	17	10.4	86	3.7	33.8	7.8	26.0	2.39
I33	20070509	18	10.3	86	3.7	33.9	7.8	26.0	2.18
I33	20070509	19	10.3	86	3.7	33.9	7.8	26.0	2.17
I33	20070509	20	10.3	85	3.6	33.9	7.8	26.0	2.21
I33	20070509	21	10.3	85	3.6	33.9	7.8	26.0	2.17
I33	20070509	22	10.3	85	3.6	33.9	7.8	26.0	2.25
I33	20070509	23	10.3	85	3.5	33.9	7.8	26.0	2.10
I33	20070509	24	10.3	85	3.5	33.9	7.8	26.0	2.10
I33	20070509	25	10.3	85	3.5	33.9	7.8	26.0	2.21
I33	20070509	26	10.3	85	3.5	33.9	7.8	26.0	2.00
I33	20070509	27	10.3	85	3.5	33.9	7.8	26.0	1.84
I33	20070509	28	10.3	85	3.5	33.9	7.8	26.0	1.80
I33	20070509	29	10.2	85	3.5	33.9	7.8	26.0	1.74
I33	20070509	30	10.2	85	3.5	33.9	7.8	26.0	1.74
I34	20070509	1	15.7	72	8.2	33.7	8.1	24.8	8.25
I34	20070509	2	15.2	73	8.1	33.8	8.2	25.0	9.30
I34	20070509	3	15.1	75	7.8	33.7	8.1	25.0	11.47
I34	20070509	4	14.0	75	7.4	33.8	8.1	25.2	7.11
I34	20070509	5	13.6	77	6.7	33.8	8.0	25.3	6.89
I34	20070509	6	13.6	78	6.3	33.8	8.0	25.3	6.72
I34	20070509	7	13.0	78	6.3	33.8	8.0	25.4	5.76
I34	20070509	8	12.3	80	6.0	33.8	8.0	25.6	5.93
I34	20070509	9	11.8	82	5.4	33.8	7.9	25.7	4.70
I34	20070509	10	11.4	83	4.9	33.8	7.8	25.8	3.98
I34	20070509	11	10.8	85	4.6	33.8	7.8	25.9	3.25
I34	20070509	12	10.7	86	4.1	33.8	7.8	25.9	2.98
I34	20070509	13	10.5	86	3.9	33.8	7.8	25.9	3.15
I34	20070509	14	10.5	85	3.8	33.8	7.8	26.0	3.05
I34	20070509	15	10.5	85	3.8	33.8	7.8	25.9	3.14
I34	20070509	16	10.4	85	3.8	33.8	7.8	26.0	2.90
I34	20070509	17	10.4	85	3.7	33.8	7.8	26.0	2.86

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I34	20070509	18	10.4	85	3.7	33.8	7.8	26.0	2.96
I34	20070509	19	10.4	85	3.7	33.8	7.8	26.0	2.86
I35	20070509	1	16.4	76	8.6	33.7	8.2	24.7	2.55
I35	20070509	2	15.9	76	8.6	33.8	8.2	24.8	3.17
I35	20070509	3	15.2	75	8.7	33.8	8.2	25.0	7.28
I35	20070509	4	14.3	69	8.8	33.8	8.3	25.2	29.05
I35	20070509	5	13.3	52	11.0	33.8	8.3	25.4	28.41
I35	20070509	6	12.6	70	11.0	33.8	8.2	25.5	14.16
I35	20070509	7	12.0	76	9.1	33.8	8.0	25.6	9.99
I35	20070509	8	11.7	81	7.2	33.8	7.9	25.7	8.21
I35	20070509	9	10.8	84	5.9	33.8	7.8	25.9	4.94
I35	20070509	10	10.7	83	4.7	33.8	7.8	25.9	4.45
I35	20070509	11	10.7	83	4.0	33.8	7.8	25.9	4.26
I35	20070509	12	10.7	82	3.7	33.8	7.8	25.9	4.15
I35	20070509	13	10.7	82	3.6	33.8	7.7	25.9	3.87
I35	20070509	14	10.7	82	3.5	33.8	7.7	25.9	3.65
I35	20070509	15	10.7	82	3.4	33.8	7.7	25.9	3.60
I35	20070509	16	10.6	83	3.4	33.8	7.8	25.9	3.77
I35	20070509	17	10.5	83	3.5	33.8	7.8	25.9	3.54
I35	20070509	18	10.5	80	3.5	33.8	7.8	25.9	3.25
I35	20070509	19	10.5	76	3.3	33.8	7.7	25.9	3.64
I36	20070509	1	17.6	54	10.0	33.7	8.3	24.4	20.22
I36	20070509	2	17.6	54	10.0	33.7	8.3	24.4	24.25
I36	20070509	3	17.5	54	9.9	33.7	8.3	24.4	30.89
I36	20070509	4	16.8	54	9.9	33.8	8.3	24.6	28.83
I36	20070509	5	14.3	55	8.9	33.8	8.1	25.2	11.22
I36	20070509	6	12.2	59	7.9	33.8	8.0	25.6	8.07
I36	20070509	7	11.7	59	5.5	33.8	7.7	25.7	8.97
I36	20070509	8	11.4	64	3.7	33.8	7.6	25.8	6.22
I36	20070509	9	11.1	67	2.7	33.8	7.6	25.8	4.96
I36	20070509	10	11.0	68	2.5	33.8	7.6	25.8	4.16
I36	20070509	11	11.0	67	2.3	33.8	7.6	25.8	3.89
I37	20070509	1	16.1	80	8.2	33.7	8.2	24.8	2.89
I37	20070509	2	16.0	80	8.2	33.7	8.2	24.8	3.66
I37	20070509	3	16.0	79	8.2	33.7	8.2	24.8	4.98
I37	20070509	4	16.0	79	8.2	33.7	8.2	24.8	6.05
I37	20070509	5	15.7	79	8.2	33.7	8.2	24.8	6.35
I37	20070509	6	15.0	79	7.9	33.7	8.1	25.0	14.52
I37	20070509	7	13.6	75	8.1	33.7	8.1	25.3	30.06
I37	20070509	8	12.1	73	8.5	33.8	8.1	25.6	24.26
I37	20070509	9	11.1	74	5.6	33.8	8.0	25.8	8.82
I37	20070509	10	11.1	79	4.2	33.8	7.8	25.8	4.99
I37	20070509	11	10.9	80	3.6	33.8	7.8	25.9	4.20
I37	20070509	12	10.6	79	3.5	33.8	7.8	25.9	4.77
I38	20070509	1	16.5	50	10.7	33.7	8.3	24.7	18.26

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I38	20070509	2	16.3	58	10.4	33.7	8.2	24.7	18.95
I38	20070509	3	15.8	60	10.7	33.8	8.2	24.8	15.28
I38	20070509	4	14.6	63	9.6	33.8	8.1	25.1	17.74
I38	20070509	5	13.0	66	8.6	33.8	8.0	25.5	14.84
I38	20070509	6	12.3	67	6.9	33.8	7.8	25.6	14.61
I38	20070509	7	11.8	67	4.9	33.8	7.7	25.7	13.35
I38	20070509	8	11.7	67	3.2	33.8	7.6	25.7	11.18
I38	20070509	9	11.5	67	2.8	33.8	7.6	25.7	7.43
I38	20070509	10	11.2	68	2.6	33.8	7.6	25.8	4.22
I38	20070509	11	11.1	71	2.5	33.8	7.7	25.8	3.13
I39	20070510	1	16.0	80	8.4	33.7	8.2	24.8	3.26
I39	20070510	2	15.8	80	8.5	33.8	8.2	24.8	3.81
I39	20070510	3	13.8	78	8.2	33.8	8.1	25.3	20.85
I39	20070510	4	12.5	53	6.9	33.8	7.9	25.5	68.04
I39	20070510	5	12.0	71	6.1	33.8	7.9	25.6	28.55
I39	20070510	6	11.8	75	5.5	33.8	7.9	25.7	22.87
I39	20070510	7	11.7	75	5.0	33.8	7.9	25.7	23.88
I39	20070510	8	11.6	78	4.8	33.8	7.8	25.7	18.34
I39	20070510	9	11.5	81	4.6	33.8	7.8	25.7	13.48
I39	20070510	10	11.4	84	4.5	33.8	7.8	25.8	8.57
I39	20070510	11	11.2	86	4.3	33.8	7.8	25.8	4.92
I39	20070510	12	11.1	87	4.2	33.8	7.8	25.8	4.13
I39	20070510	13	10.9	87	4.1	33.8	7.8	25.8	3.69
I39	20070510	14	10.8	88	4.0	33.8	7.8	25.9	3.52
I39	20070510	15	10.7	88	3.9	33.8	7.8	25.9	3.42
I39	20070510	16	10.7	87	3.9	33.8	7.8	25.9	3.36
I39	20070510	17	10.6	87	3.9	33.8	7.8	25.9	3.08
I39	20070510	18	10.6	87	3.8	33.8	7.8	25.9	2.85
I39	20070510	19	10.6	87	3.7	33.8	7.8	25.9	2.79
I4	20070508	1	15.4	79	7.0	33.7	8.3	24.9	2.70
I4	20070508	2	15.2	79	7.9	33.8	8.3	25.0	2.73
I4	20070508	3	13.7	80	8.7	33.9	8.3	25.4	12.95
I4	20070508	4	12.6	63	9.5	33.8	8.3	25.6	15.90
I4	20070508	5	11.9	76	7.9	33.8	8.1	25.7	5.23
I4	20070508	6	11.2	80	6.6	33.8	8.0	25.8	4.30
I4	20070508	7	10.9	83	4.9	33.8	7.9	25.9	3.79
I4	20070508	8	10.8	85	4.4	33.8	7.9	25.9	3.49
I4	20070508	9	10.7	87	4.0	33.8	7.8	25.9	2.99
I4	20070508	10	10.6	87	3.8	33.8	7.8	25.9	2.96
I4	20070508	11	10.6	87	3.8	33.8	7.8	25.9	2.88
I4	20070508	12	10.6	87	3.8	33.8	7.8	25.9	3.02
I4	20070508	13	10.6	87	3.7	33.8	7.8	25.9	3.04
I4	20070508	14	10.6	87	3.7	33.8	7.8	25.9	2.94
I4	20070508	15	10.6	87	3.7	33.8	7.8	25.9	3.07
I4	20070508	16	10.6	87	3.7	33.8	7.8	25.9	3.07

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I4	20070508	17	10.6	87	3.7	33.8	7.8	25.9	3.08
I4	20070508	18	10.6	87	3.7	33.8	7.8	25.9	3.08
I4	20070508	19	10.6	87	3.7	33.8	7.8	25.9	2.95
I40	20070510	1	13.9	65	6.0	33.8	7.9	25.3	5.30
I40	20070510	2	12.4	65	5.8	33.8	7.9	25.6	4.63
I40	20070510	3	11.5	66	4.8	33.8	7.8	25.7	4.28
I40	20070510	4	11.2	72	4.2	33.8	7.8	25.8	4.01
I40	20070510	5	11.1	73	3.8	33.8	7.7	25.8	4.09
I40	20070510	6	11.0	74	3.7	33.8	7.7	25.8	4.98
I40	20070510	7	11.0	76	3.5	33.8	7.7	25.8	6.41
I40	20070510	8	11.0	74	3.3	33.8	7.7	25.8	6.06
I40	20070510	9	10.9	74	3.2	33.8	7.7	25.9	4.73
I40	20070510	10	10.8	74	3.0	33.8	7.7	25.9	4.32
I5	20070508	1	14.5	70	9.1	33.7	8.3	25.1	12.16
I5	20070508	2	14.0	70	8.8	33.7	8.3	25.2	15.61
I5	20070508	3	13.6	69	8.4	33.7	8.2	25.3	17.24
I5	20070508	4	12.6	67	7.6	33.7	8.1	25.5	8.39
I5	20070508	5	12.0	75	6.4	33.8	7.9	25.6	4.39
I5	20070508	6	11.5	77	5.2	33.8	7.9	25.7	4.30
I5	20070508	7	11.0	79	4.7	33.8	7.9	25.8	3.78
I5	20070508	8	10.7	82	4.3	33.8	7.9	25.9	3.51
I5	20070508	9	10.8	84	4.0	33.8	7.9	25.9	3.60
I5	20070508	10	10.6	85	4.0	33.8	7.8	25.9	3.59
I5	20070508	11	10.6	85	3.8	33.8	7.8	25.9	3.65
I5	20070508	12	10.6	84	3.8	33.8	7.8	25.9	3.63
I5	20070508	13	10.6	85	3.8	33.8	7.8	25.9	3.61
I5	20070508	14	10.6	84	3.8	33.8	7.8	25.9	4.02
I6	20070508	1	15.9	72	6.7	33.6	8.2	24.7	5.85
I6	20070508	2	15.9	73	6.7	33.7	8.2	24.7	5.44
I6	20070508	3	15.8	73	7.4	33.7	8.2	24.8	5.61
I6	20070508	4	15.4	72	7.9	33.8	8.2	24.9	6.29
I6	20070508	5	15.3	73	8.2	33.7	8.2	24.9	6.54
I6	20070508	6	15.3	74	8.2	33.7	8.2	24.9	6.52
I6	20070508	7	14.6	76	8.4	33.8	8.2	25.1	12.70
I6	20070508	8	12.5	66	8.6	33.8	8.2	25.6	25.64
I6	20070508	9	12.1	71	7.7	33.8	8.1	25.6	16.78
I6	20070508	10	11.6	79	6.6	33.7	8.0	25.7	8.51
I6	20070508	11	11.3	83	5.8	33.7	7.9	25.7	4.71
I6	20070508	12	11.1	84	4.9	33.7	7.9	25.8	3.39
I6	20070508	13	10.8	85	4.4	33.7	7.9	25.8	2.67
I6	20070508	14	10.8	86	4.1	33.7	7.9	25.8	2.88
I6	20070508	15	10.8	86	4.0	33.7	7.9	25.8	3.44
I6	20070508	16	10.9	87	3.9	33.8	7.9	25.8	3.50
I6	20070508	17	10.8	88	3.9	33.8	7.9	25.9	2.79
I6	20070508	18	10.6	88	3.8	33.8	7.8	25.9	2.54

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
				%					
I6	20070508	19	10.5	89	3.7	33.8	7.8	25.9	2.29
I6	20070508	20	10.4	89	3.8	33.8	7.9	25.9	2.16
I6	20070508	21	10.4	89	3.8	33.8	7.9	25.9	2.22
I6	20070508	22	10.4	89	3.8	33.8	7.9	25.9	2.04
I6	20070508	23	10.4	89	3.8	33.8	7.9	25.9	2.02
I6	20070508	24	10.4	89	3.8	33.8	7.9	25.9	1.93
I6	20070508	25	10.4	89	3.8	33.8	7.9	25.9	1.91
I6	20070508	26	10.4	89	3.8	33.8	7.9	25.9	1.99
I7	20070508	1	16.4	83	8.7	33.7	8.3	24.7	1.35
I7	20070508	2	16.4	83	8.7	33.7	8.3	24.7	1.31
I7	20070508	3	16.3	83	8.7	33.7	8.3	24.7	1.41
I7	20070508	4	15.1	83	8.9	33.7	8.3	24.9	3.24
I7	20070508	5	14.4	84	8.8	33.7	8.3	25.1	5.86
I7	20070508	6	14.0	80	8.7	33.7	8.2	25.2	9.28
I7	20070508	7	13.7	77	8.7	33.7	8.2	25.2	14.13
I7	20070508	8	13.5	72	8.6	33.7	8.2	25.2	17.04
I7	20070508	9	13.4	70	8.5	33.7	8.2	25.3	18.87
I7	20070508	10	13.2	71	8.3	33.7	8.2	25.3	22.20
I7	20070508	11	12.8	71	8.1	33.7	8.2	25.4	22.67
I7	20070508	12	12.6	71	7.5	33.7	8.1	25.4	22.52
I7	20070508	13	12.4	73	7.0	33.7	8.1	25.5	20.19
I7	20070508	14	12.0	75	6.7	33.7	8.1	25.6	13.67
I7	20070508	15	11.9	79	6.0	33.7	8.0	25.6	11.47
I7	20070508	16	11.8	82	5.5	33.7	8.0	25.6	9.27
I7	20070508	17	11.7	84	5.2	33.7	8.0	25.6	7.64
I7	20070508	18	11.6	85	4.9	33.7	8.0	25.7	5.72
I7	20070508	19	11.5	87	4.7	33.7	7.9	25.7	4.71
I7	20070508	20	11.4	87	4.6	33.7	7.9	25.7	4.06
I7	20070508	21	11.2	88	4.4	33.7	7.9	25.7	3.82
I7	20070508	22	11.2	88	4.2	33.7	7.9	25.8	3.65
I7	20070508	23	11.1	89	4.1	33.7	7.9	25.8	3.42
I7	20070508	24	11.1	89	4.0	33.7	7.9	25.8	3.20
I7	20070508	25	11.0	89	4.0	33.7	7.9	25.8	2.92
I7	20070508	26	10.9	89	4.1	33.7	7.9	25.8	2.74
I7	20070508	27	10.8	89	4.2	33.7	7.9	25.8	2.37
I7	20070508	28	10.8	89	4.0	33.8	7.9	25.8	2.18
I7	20070508	29	10.8	89	4.0	33.8	7.9	25.8	2.08
I7	20070508	30	10.8	89	3.9	33.8	7.9	25.9	1.88
I7	20070508	31	10.8	89	3.9	33.8	7.9	25.9	1.86
I7	20070508	32	10.7	89	3.8	33.8	7.9	25.9	1.85
I7	20070508	33	10.7	89	3.9	33.8	7.9	25.9	1.78
I7	20070508	34	10.6	89	3.8	33.8	7.9	25.9	1.65
I7	20070508	35	10.6	90	3.8	33.8	7.9	25.9	1.57
I7	20070508	36	10.6	90	3.9	33.8	7.9	25.9	1.32
I7	20070508	37	10.5	90	3.9	33.8	7.9	25.9	1.26

CTD PROFILE DATA

STN	DATE	DEPTH m	TEMP deg C	XMS %	DO mg/L	SAL ppt	pH	DENSITY sigma-t	CHLOR ug/L
I7	20070508	38	10.5	90	3.9	33.8	7.9	25.9	1.14
I7	20070508	39	10.4	90	3.9	33.8	7.9	25.9	0.89
I7	20070508	40	10.4	90	3.9	33.8	7.9	26.0	0.69
I7	20070508	41	10.3	90	3.9	33.8	7.9	26.0	0.64
I7	20070508	42	10.2	90	3.9	33.8	7.9	26.0	0.49
I7	20070508	43	10.2	90	3.9	33.8	7.9	26.0	0.54
I7	20070508	44	10.2	90	3.8	33.8	7.9	26.0	0.51
I7	20070508	45	10.2	90	3.8	33.8	7.9	26.0	0.50
I7	20070508	46	10.2	90	3.7	33.8	7.8	26.0	0.54
I7	20070508	47	10.2	90	3.7	33.8	7.8	26.0	0.51
I7	20070508	48	10.2	90	3.7	33.9	7.8	26.0	0.54
I7	20070508	49	10.2	90	3.7	33.9	7.8	26.0	0.55
I7	20070508	50	10.2	90	3.6	33.9	7.8	26.0	0.50
I7	20070508	51	10.2	90	3.6	33.9	7.8	26.0	0.51
I7	20070508	52	10.2	90	3.6	33.8	7.8	26.0	0.48
I8	20070508	1	16.0	76	8.9	33.7	8.3	24.8	1.07
I8	20070508	2	15.5	76	9.0	33.7	8.3	24.9	1.36
I8	20070508	3	13.6	78	9.0	33.7	8.2	25.3	2.54
I8	20070508	4	13.1	78	8.4	33.7	8.2	25.4	6.34
I8	20070508	5	12.9	74	7.3	33.7	8.2	25.4	7.52
I8	20070508	6	12.7	72	7.0	33.7	8.1	25.5	8.52
I8	20070508	7	12.6	71	6.7	33.7	8.1	25.5	11.76
I8	20070508	8	12.4	70	6.4	33.7	8.0	25.5	9.60
I8	20070508	9	12.2	74	6.1	33.7	8.0	25.6	7.86
I8	20070508	10	12.1	77	5.9	33.8	8.0	25.6	7.97
I8	20070508	11	12.0	78	5.6	33.8	8.0	25.6	7.50
I8	20070508	12	11.6	79	5.4	33.7	8.0	25.7	5.10
I8	20070508	13	11.3	81	4.9	33.8	7.9	25.7	3.62
I8	20070508	14	11.0	84	4.5	33.8	7.9	25.8	3.52
I8	20070508	15	11.0	85	4.2	33.8	7.9	25.8	3.47
I8	20070508	16	10.9	85	4.1	33.8	7.9	25.8	3.25
I8	20070508	17	10.7	86	4.1	33.8	7.9	25.9	2.61
I8	20070508	18	10.7	86	4.0	33.8	7.9	25.9	2.50
I8	20070508	19	10.6	86	4.0	33.8	7.9	25.9	2.39
I8	20070508	20	10.6	87	4.0	33.8	7.9	25.9	2.31
I8	20070508	21	10.6	87	4.0	33.8	7.9	25.9	2.26
I8	20070508	22	10.6	87	3.9	33.8	7.9	25.9	2.28
I8	20070508	23	10.6	87	3.9	33.8	7.9	25.9	2.19
I8	20070508	24	10.6	87	3.9	33.8	7.9	25.9	2.22
I8	20070508	25	10.5	87	3.9	33.8	7.9	25.9	2.16
I8	20070508	26	10.4	87	3.9	33.8	7.8	25.9	1.83
I8	20070508	27	10.4	87	3.8	33.8	7.8	26.0	1.66
I8	20070508	28	10.3	87	3.7	33.8	7.8	26.0	1.50
I8	20070508	29	10.3	88	3.7	33.8	7.8	26.0	1.43
I8	20070508	30	10.3	88	3.7	33.8	7.8	26.0	1.44

CTD PROFILE DATA

STN	DATE	DEPTH	TEMP	XMS	DO	SAL	pH	DENSITY	CHLOR
		m	deg C	%	mg/L	ppt		sigma-t	ug/L
I8	20070508	31	10.3	88	3.7	33.8	7.8	26.0	1.33
I8	20070508	32	10.3	88	3.7	33.8	7.8	26.0	1.37
I8	20070508	33	10.3	88	3.8	33.8	7.8	26.0	1.27
I8	20070508	34	10.3	88	3.8	33.8	7.8	26.0	1.28
I8	20070508	35	10.3	88	3.8	33.8	7.8	26.0	1.20
I8	20070508	36	10.3	88	3.8	33.8	7.8	26.0	1.20
I8	20070508	37	10.3	88	3.8	33.8	7.8	26.0	1.23
I9	20070508	1	16.5	76	8.6	33.7	8.3	24.6	1.30
I9	20070508	2	16.2	78	8.6	33.7	8.3	24.7	1.41
I9	20070508	3	15.9	79	8.7	33.7	8.3	24.8	2.16
I9	20070508	4	15.4	78	8.7	33.7	8.3	24.9	10.45
I9	20070508	5	14.5	72	8.8	33.7	8.3	25.1	13.45
I9	20070508	6	13.9	69	8.4	33.7	8.2	25.3	22.01
I9	20070508	7	12.7	67	7.8	33.8	8.2	25.5	8.24
I9	20070508	8	11.6	74	6.5	33.8	8.0	25.7	6.00
I9	20070508	9	11.4	80	5.3	33.8	7.9	25.8	5.26
I9	20070508	10	11.3	82	4.8	33.8	7.9	25.8	4.75
I9	20070508	11	11.2	83	4.6	33.8	7.9	25.8	4.17
I9	20070508	12	11.0	84	4.4	33.8	7.9	25.8	3.98
I9	20070508	13	10.9	85	4.2	33.8	7.9	25.8	3.72
I9	20070508	14	10.8	85	4.1	33.8	7.9	25.9	3.41
I9	20070508	15	10.8	86	4.0	33.8	7.9	25.9	3.50
I9	20070508	16	10.7	86	3.9	33.8	7.9	25.9	3.19
I9	20070508	17	10.7	86	3.8	33.8	7.9	25.9	2.95
I9	20070508	18	10.7	86	3.8	33.8	7.9	25.9	3.16
I9	20070508	19	10.7	86	3.8	33.8	7.8	25.9	3.14
I9	20070508	20	10.6	86	3.7	33.8	7.8	25.9	2.92
I9	20070508	21	10.6	86	3.7	33.8	7.8	25.9	2.79
I9	20070508	22	10.5	87	3.7	33.8	7.8	25.9	2.64
I9	20070508	23	10.4	87	3.7	33.8	7.8	25.9	2.26
I9	20070508	24	10.4	87	3.7	33.8	7.8	26.0	2.11
I9	20070508	25	10.4	87	3.7	33.8	7.8	26.0	2.10
I9	20070508	26	10.4	87	3.7	33.8	7.8	26.0	1.93
I9	20070508	27	10.4	87	3.7	33.8	7.8	26.0	1.90
I9	20070508	28	10.4	87	3.7	33.8	7.8	26.0	1.95
I9	20070508	29	10.4	87	3.7	33.8	7.8	26.0	1.93
I9	20070508	30	10.4	87	3.7	33.8	7.8	26.0	1.71

QUALITY ASSURANCE



Bacteriological Quality Assurance Duplicate and Split Sample Analyses

Sample Date: 10-MAY-07

Station	Depth (m)	QA/QC Procedure	Analyst	TOTAL	FECAL	ENTERO
				CFU/100 mL	CFU/100 mL	CFU/100 mL
I19	6	DUPLICATE	AR	<2	<2	<2
		SPLIT/ANALYST 2	AR	<2	<2	<2

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